Santa Rosa County School District STEAM (Science, Technology, Engineering, Art, and Mathematics) Evaluation Project:

Years One, Two, Three, and Four Reports Presented for School Classroom Observations

(Year IV 2018 - 2019)

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#### STEAM Evaluation Project: Classroom Observer Ratings Overall DISTRICT and by SCHOOL

#### INTRODUCTION AND OVERVIEW

This report is delivered at the request of the district. The report captures the classroom observer ratings for the district for the spring semesters for 2016, 2017, 2018, and 2019. Observer ratings are compiled relative to the nine areas of focus:

- (1) Creative-Preparation
- (2)Creative-Inquiry
- (3) Critical Thinking-Integration
- (4) Critical Thinking- Problem Solving
- (5) Critical Thinking- Logical Thinking
- (6) Communication- Data & Information
- (7) Communication-Argumentation
- (8) Collaboration- Team Work
- (9) Collaboration- Investigation Skills.

Observational results reveal the presence of each of the nine focus areas of innovative thinking skills with Descriptive levels observed in a majority of the classrooms visited by the five observers in Year One during the Spring 2016 semester. Some Emerging behaviors were also demonstrated in Year One (Spring 2016. Few instances of Developing or Accomplished were demonstrated in classrooms during years one or two (Spring, 2016 or Spring 2017). Emerging levels of observed behaviors were predominantly demonstrated in year Two (2017). The Year three (2018) observed characteristics were focused on ratings of "Descriptive and Emerging". The year four classroom observations (2018-2019) depicted another juncture of the data moving forward into developing and accomplished indicative of "Developing", and "Accomplished" classroom behaviors in years three and four. These data reflect a substantive measure of classroom focus on the types of thinking, problem-solving, communication, and collaboration skills necessary to propel the district into a sustaining STEAM initiative in subsequent years. The distribution of observer ratings by school are presented relative to the number of classroom observations per school completed during the spring terms for 2016, 2017, 2018, and 2019 semesters with 10 weeks of observations each spring semester conducted by five observers.

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	246	66%	Descriptive = $1$	245	66%
Emerging = $2$	90	24%	Emerging = $2$	83	22%
Developing = $3$	26	7%	Developing = $3$	35	10%
Accomplished = $4$	10	3%	Accomplished = 4	9	2%
TOTAL	372	100%	TOTAL	372	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	265	71%	Descriptive = 1	184	50%
Emerging = 2	75	20%	Emerging $= 2$	103	28%
Developing = 3	30	8%	Developing = 3	77	20%
Accomplished = $4$	2	1%	Accomplished = 4	8	2%
TOTAL	372	100%	TOTAL	372	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	186	50%	Descriptive = 1	179	48%
Emerging $= 2$	123	33%	Emerging $= 2$	123	33%
Developing = 3	57	15%	Developing = 3	64	17%
Accomplished $= 4$	6	2%	Accomplished = 4	6	2%
TOTAL	372	100%	TOTAL	372	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	258	69%	Descriptive = 1	222	60%
Emerging = 2	41	11%	Emerging = 2	82	22%
Developing = 3	73	20%	Developing = 3	62	17%
Accomplished = 4	0	0%	Accomplished = 4	6	2%
TOTAL	372	100%	TOTAL	372	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	210	57%			
Emerging = 2	80	21%			
Developing = 3	72	19%			
Accomplished = 4	10	3%			
TOTAL	475	100%			

#### DISTRICT COMPILED STEAM OBSERVATIONS FOR **SPRING 2016** (N=372) YEAR 1

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	141	30%	Descriptive = 1	160	34%
Emerging = $2$	291	61%	Emerging = $2$	265	56%
Developing = $3$	36	8%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	42	9%
Accomplished = $4$	<u> </u>	1%	$\frac{1}{10000000000000000000000000000000000$	<u> </u>	1%
TOTAL	475	100%	TOTAL	475	100%
Critical Thinking	475	10070	Critical Thinking	475	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	181	38%	Descriptive = 1	189	40%
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$	246	52%	Emerging = 2	244	40% 51%
	41	<u> </u>	5 5	39	8%
Developing = $3$	41 7	9% 1%	Developing = 3	39	8% 1%
Accomplished = 4			Accomplished = 4		
TOTAL	475	100%	TOTAL	475	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	211	44%	Descriptive = 1	172	36%
Emerging $= 2$	237	50%	Emerging = 2	268	56%
Developing = 3	24	5%	Developing = 3	28	6%
Accomplished = 4	3	1%	Accomplished = 4	7	2%
TOTAL	475	100%	TOTAL	475	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	314	66%	Descriptive = 1	308	65%
Emerging $= 2$	134	28%	Emerging = 2	147	31%
Developing = 3	26	6%	Developing = 3	14	3%
Accomplished $= 4$	1	0%	Accomplished = 4	6	1%
TOTAL	475	100%	TOTAL	475	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	223	47%			
Emerging = 2	221	46%			
Developing = $3$	27	6%			
Accomplished = $4$	4	1%			
TOTAL	475	100%			

#### DISTRICT COMPILED STEAM OBSERVATIONS FOR **SPRING 2017** (N= 475) YEAR 2

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	148	28%	Descriptive = 1	160	30%
Emerging $= 2$	231	43%	Emerging $= 2$	221	41%
Developing = 3	88	17%	Developing = 3	106	20%
Accomplished $= 4$	65	12%	Accomplished = 4	45	9%
TOTAL	532	100%	TOTAL	532	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	203	38%	Descriptive = 1	176	33%
Emerging = 2	187	35%	Emerging = 2	231	43%
Developing = 3	97	18%	Developing = 3	77	14%
Accomplished = $4$	45	9%	Accomplished = 4	48	9%
TOTAL	532	100%		532	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	198	37%	Descriptive = 1	193	36%
Emerging = 2	218	41%	Emerging $= 2$	223	42%
Developing = 3	75	14%	Developing = 3	63	12%
Accomplished = 4	41	8%	Accomplished = 4	53	10%
TOTAL	532	100%	TOTAL	532	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	292	55%	Descriptive = 1	310	58%
Emerging = 2	138	26%	Emerging = 2	102	19%
Developing = 3	70	13%	Developing = 3	57	11%
Accomplished = 4	32	6%	Accomplished = 4	63	12%
TOTAL	532	100%	TOTAL	532	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	225	42%			
Emerging = 2	180	34%			
Developing = 3	71	13%			
Accomplished = 4	56	11%			
TOTAL	532	100%			

#### DISTRICT COMPILED STEAM OBSERVATIONS FOR SPRING 2018 (N= 532) YEAR 3

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	95	14%	Descriptive = 1	100	14%
Emerging = $2$	268	39%	Emerging = 2	295	43%
Developing = $3$	310	45%	$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	293	43%
Accomplished = $4$	12			3	
TOTAL		2% 100%	Accomplished = $4$		1%
	685	100%	TOTAL	685	100%
Critical Thinking Integration			Critical Thinking		
Rating Levels	C	07	Problem Solving	c	07
Descriptive = 1	<u>f</u>	% 1.40/	Rating Levels	f	% 1.00/
1	94	14%	Descriptive = 1	126	18%
Emerging $= 2$	309	45%	Emerging = $2$	266	39%
Developing = 3	278	40%	Developing = 3	286	42%
Accomplished = 4	4	1%	Accomplished = 4	7	1%
TOTAL	685	100%		685	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	119	17%	Descriptive = 1	121	18%
Emerging = 2	311	45%	Emerging = 2	345	50%
Developing = 3	253	37%	Developing = 3	214	31%
Accomplished = 4	2	1%	Accomplished = 4	5	1%
TOTAL	685	100%	TOTAL	685	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	277	40%	Descriptive = 1	310	45%
Emerging = 2	274	40%	Emerging $= 2$	191	28%
Developing = 3	132	19%	Developing = 3	163	24%
Accomplished = 4	2	1%	Accomplished = 4	21	3%
TOTAL	685	100%	TOTAL	685	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	209	30%			
Emerging = 2	312	46%			
Developing = 3	148	22%			
Accomplished = $4$	16	2%			
TOTAL	- •	100%			

### DISTRICT COMPILED STEAM OBSERVATIONS FOR SPRING 2019 (N= 685) YEAR 4

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	70%	Descriptive = 1	13	65%
Emerging $= 2$	6	30%	Emerging = 2	7	35%
Dereste nine 2	0	00/	Dereste nine 2	0	00/
$\frac{\text{Developing} = 3}{1 + 1 + 4}$	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		<b>.</b> (
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	60%	Descriptive = 1	6	30%
Emerging = 2	6	30%	Emerging = 2	14	70%
Developing = 3	2	10%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Communication		
Logical Thinking	0	<b>0</b> (	Data & Information	2	0.4
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	30%	Descriptive = 1	10	50%
Emerging = 2	12	60%	Emerging = 2	8	40%
Developing = 3	2	10%	Developing = 3	2	10%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	70%	Descriptive = 1	7	35%
Emerging = 2	6	30%	Emerging $= 2$	13	65%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	12	60%			
Emerging = 2	8	40%			
Developing = 3	0	0%			
Accomplished = $4$	0	0%			
TOTAL	20	100%			

### BAGDAD ELEMENTARY (N= 20 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	4	25%	Descriptive = 1	1	6%
Emerging = $2$	11	<u> </u>	Emerging = 2	13	81%
Linerging 2	11	0,70	Emerging 2	15	0170
Developing = 3	1	6%	Developing = 3	2	13%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	7	44%
Emerging $= 2$	12	75%	Emerging $= 2$	6	37%
Developing = 3	2	12%	Developing = 3	3	19%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	4	25%
Emerging = 2	7	44%	Emerging $= 2$	9	56%
Developing = 3	1	6%	Developing = 3	3	19%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	88%	Descriptive = 1	12	75%
Emerging = 2	2	12%	Emerging $= 2$	3	19%
Developing = 3	0	0%	Developing = 3	1	6%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	8	50%			
Emerging = 2	7	44%			
Developing = 3	1	6%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

### BAGDAD ELEMENTARY (N= 16 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	18%	Descriptive = 1	4	24%
Emerging = 2	14	82%	Emerging = 2	8	47%
Developing = 3	0	0%	Developing = 3	5	29%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	17	100%	TOTAL	17	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	35%	Descriptive = 1	3	18%
Emerging = 2	11	65%	Emerging = 2	13	77%
Developing = 3	0	0 %	Developing = 3	1	6%
Accomplished $= 4$	0	0 %	Accomplished = 4	0	1%
TOTAL	17	100%		17	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	23%	Descriptive = 1	1	6%
Emerging = 2	13	77%	Emerging = 2	16	42%
Developing = 3	0	0%	Developing = 3	0	12%
Accomplished $= 4$	0	0%	Accomplished = 4	0	10%
TOTAL	17	100%	TOTAL	17	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	88 %	Descriptive = 1	15	88%
Emerging = 2	2	12 %	Emerging $= 2$	2	12%
Developing = 3	0	0 %	Developing = 3	0	0%
Accomplished = 4	0	0 %	Accomplished = 4	0	0 %
TOTAL	17	100%	TOTAL	17	100%
Collaboration					
Investigation	_				
Skills Rating	f	%			
Levels					
Descriptive = 1	4	24%			
Emerging = 2	10	59%			
Developing = 3	3	17%			
Accomplished = 4	0	0%			
TOTAL	17	100%			

### BAGDAD ELEMENTARY (N=17 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry	
Rating Levels	f	%	Rating Levels f	%
Descriptive = 1	3	13%	Descriptive = 1 4	17%
Emerging = 2	21	87%	Emerging = 2 19	79%
Developing = 3	0	0%	Developing = 3 1	4%
Accomplished = 4	0	0%	Accomplished = 4 0	0%
TOTAL	24	100%	TOTAL 24	100%
Critical Thinking			Critical Thinking	
Integration			Problem Solving	
Rating Levels	f	%	Rating Levels f	%
Descriptive = 1	6	25%	Descriptive = 1 6	25%
Emerging = 2	18	75%	Emerging = 2 18	75%
Developing = 3	0	0%	Developing = 3 0	0%
Accomplished = 4	0	0%	Accomplished = 4 0	0%
TOTAL	24	100%	24	100%
Critical Thinking			Communication	
Logical Thinking			Data & Information	
Rating Levels	f	%	Rating Levels f	%
Descriptive = 1	4	17%	Descriptive = 1 4	17%
Emerging $= 2$	20	83%	Emerging = 2 20	83%
Developing = 3	0	0%	Developing = 3 0	0%
Accomplished = 4	0	0%	Accomplished = 4 0	0%
TOTAL	24	100%	TOTAL 24	100%
Communication			Collaboration	
Argumentation			Team Work	
Rating Levels	f	%	Rating Levels f	%
Descriptive = 1	22	92%	Descriptive = 1 20	83%
Emerging = 2	2	8%	Emerging = 2 4	17%
Developing = 3	0	0%	Developing = 3 0	0%
Accomplished = 4	0	0%	Accomplished = 4 0	0%
TOTAL	24	100%	TOTAL 24	100%
Collaboration				
Investigation Skills				
Rating Levels	f	%		
Descriptive = 1	9	38%		
Emerging = 2	15	62%		
Developing = 3	0	0%		
Accomplished = 4	0	0%		
TOTAL	24	100%		

### BAGDAD ELEMENTARY (N= 24 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	8	50%
Emerging $= 2$	2	12%	Emerging = $2$	3	15%
Developing = 3	6	38%	Developing = 3	4	25%
Accomplished $= 4$	0	10%	Accomplished = 4	1	10%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	2	12%
Emerging = 2	4	25%	Emerging = 2	10	63%
Developing = 3	4	25%	Developing = 3	4	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	22	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive $= 1$	2	12%
Emerging = 2	6	38%	Emerging = 2	6	38%
Developing = 3	8	50%	Developing = 3	8	50%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	0	0%
Emerging = 2	0	0%	Emerging = 2	4	25%
Developing = 3	14	88%	Developing = 3	12	75%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	8	50%			
Developing = 3	6	38%			
Accomplished = 4	2	12%			
TOTAL	16	100%			

### BERRYHILL ELEMENTARY (N=16 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	2	9%	Descriptive = 1	3	14%
Emerging = $2$	14	64%	Emerging = $2$	16	72%
Developing = $3$	6	27%	Developing = 3	3	14%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking		10070	Critical Thinking		10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	23%	Descriptive = 1	5	23%
Emerging = 2	13	59%	Emerging = 2	13	59%
Developing = 3	4	18%	Developing = 3	4	18%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	32%	Descriptive = 1	5	23%
Emerging $= 2$	15	68%	Emerging $= 2$	16	73%
Developing = 3	0	0%	Developing = 3	1	4%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	32%	Descriptive = 1	3	14%
Emerging = 2	13	59%	Emerging = 2	15	68%
Developing = 3	2	9%	Developing = 3	4	18%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	7	32%			
Emerging = 2	13	59%			
Developing = 3	2	9%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

### BERRYHILL ELEMENTARY (N=22 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	11%	Descriptive = 1	0	26%
Emerging = $2$	2	26%	Emerging = $2$	5	42%
Developing = $3$	5	0%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	8	32%
Accomplished = $4$	12	63%	Accomplished = 4	6	0%
TOTAL	12	100%	TOTAL	19	100%
Critical Thinking	17	10070	Critical Thinking	17	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive $= 1$	0	0 %	Descriptive = 1	0	0%
Emerging $= 2$	2	11%	Emerging = 2	4	21%
Developing = 3	11	58 %	Developing = 3	6	32%
Accomplished $= 4$	6	32%	Accomplished = 4	9	47%
TOTAL	19	100%		19	100%
Critical Thinking	-		Communication	-	
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging $= 2$	6	32%	Emerging = 2	2	11%
Developing = 3	8	42%	Developing = 3	9	47%
Accomplished = 4	5	26%	Accomplished = 4	8	42%
TOTAL	19	100%	TOTAL	19	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0 %	Descriptive = 1	0	0%
Emerging = 2	3	16 %	Emerging = 2	2	11%
Developing = 3	11	58%	Developing = 3	3	17%
Accomplished = 4	5	26%	Accomplished = 4	14	82 %
TOTAL	19	100%	TOTAL	19	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	2	10%			
Developing = 3	6	32%			
Accomplished = 4	11	58%			
TOTAL	19	100%			

# BERRYHILL ELEMENTARY (N= 19 observations): Spring 2018 YEAR THREE

Creative Prep				Creative Inquiry		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive = $1$	0	0%
Emerging = $2$	2	12%		Emerging = $2$	3	19%
Developing = 3	14	88%		Developing = $3$	13	81%
Accomplished = 4	0	0%		Accomplished $= 4$	0	0%
TOTAL	16	100%		TOTAL	16	100%
Critical Thinking				Critical Thinking		
Integration				Problem Solving		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	1	0%		Descriptive = 1	1	6%
Emerging = 2	3	6%		Emerging $= 2$	6	38%
Developing = 3	12	19%		Developing = 3	9	56%
Accomplished = 4	0	0%		Accomplished $= 4$	0	0%
TOTAL	16	100%		TOTAL	16	100%
Critical Thinking				Communication		
Logical Thinking				Data & Information		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive = 1	0	0%
Emerging = 2	6	38%		Emerging = 2	8	50%
Developing = 3	10	62%		Developing = 3	8	50%
Accomplished = 4	0	0%		Accomplished = 4	0	0%
TOTAL	16	100%		TOTAL	16	100%
Communication				Collaboration		
Argumentation				Team Work		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	1	6%		Descriptive = 1	14	88%
Emerging = 2	12	75%		Emerging $= 2$	1	6%
Developing = 3	3	19%		Developing = 3	1	6%
Accomplished $= 4$	0	0%		Accomplished = 4	0	0%
TOTAL	16	100%		TOTAL	16	100%
Collaboration						
Investigation Skills						
Rating Levels	f	%				
Descriptive = 1	11	69%				
Emerging = 2	4	25%				
Developing = 3	1	6%				
Accomplished = 4	0	0%	1			
TOTAL	16	100%				

# BERRYHILL ELEMENTARY (N= 16 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	8	50%	Descriptive = 1	8	0%
Emerging = $2$	0	0%	Emerging = $2$	2	100%
Developing = $3$	8	50%	Developing = 3	6	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	0	0%
Emerging = 2	0	0%	Emerging $= 2$	14	88%
Developing = 3	8	50%	Developing = 3	2	12%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	38%	Emerging = 2	12	75%
Developing = 3	10	62%	Developing = 3	4	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	12	75%
Emerging = 2	16	100%	Emerging = 2	4	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation	2				
Skills Rating	f	%			
Levels	16	1000/			
Descriptive = 1	16	100%			
Emerging = $2$	0	0%			
Developing = 3	0	0%			
Accomplished = $4$	0	0%			
TOTAL	16	100%			

# CENTRAL ELEMENTARY (N = 16 observations): Spring 2016 YEAR ONE

Currenting Duran					
Creative Prep	£	07	Creative Inquiry	£	0/
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	$\frac{\text{Descriptive} = 1}{2}$	0	0%
Emerging $= 2$	24	100%	Emerging $= 2$	24	100%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	24	100%	Emerging = 2	24	100%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	8%	Descriptive = 1	0	0%
Emerging = 2	22	92%	Emerging = 2	24	100%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	8%	Descriptive = 1	2	8%
Emerging = 2	22	92%	Emerging $= 2$	22	92%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = $4$	0	0%
TOTAL	24	100%	TOTAL	24	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	4	17%			
Emerging = $2$	20	83%			
Developing = $3$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	24	100%			
IUIAL	<i>4</i> 7	100/0			

# CENTRAL ELEMENTARY (N = 24 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	0	0%	Descriptive = $1$ 0 0%
Emerging = 2	14	58%	$Emerging = 2 \qquad 16 \qquad 67\%$
Developing = 3	3	13%	Developing = $3$ $3$ $13\%$
Accomplished $= 4$	7	29%	Accomplished = $4$ 5 $21\%$
TOTAL	24	100%	TOTAL 24 100%
Critical Thinking			Critical Thinking
Integration			Problem Solving
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	0	0 %	Descriptive = $1$ 0 0%
Emerging $= 2$	16	67%	Emerging = 2 17 71%
Developing = 3	2	8%	Developing = $3$ 2 8%
Accomplished = 4	6	25%	Accomplished = $4$ 5 $21\%$
TOTAL	24	100%	24 100%
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levels f %
Descriptive $= 1$	0	0%	Descriptive = $1$ 0 0%
Emerging $= 2$	14	58%	Emerging = 2 16 67%
Developing = 3	7	29%	Developing = $3$ $3$ $12\%$
Accomplished $= 4$	3	13%	Accomplished = $4$ 5 $21\%$
TOTAL	24	100%	TOTAL 24 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levelsf
Descriptive = 1	0	0 %	Descriptive = $1$ 0 0%
Emerging = 2	18	75 %	Emerging = 2 14 58%
Developing = 3	5	21 %	Developing = $3$ 5 $21\%$
Accomplished = 4	1	4%	Accomplished = $4$ 5 $21\%$
TOTAL	24	100%	TOTAL 24 100%
Collaboration			
Investigation			
Skills Rating	f	%	
Level			
Descriptive = 1	0	0%	
Emerging = 2	14	58%	
Developing = 3	3	13%	
Accomplished = 4	7	29%	
TOTAL	24	100%	

# CENTRAL ELEMENTARY (N = 24 observations): Spring 2018 YEAR THREE

Creative Prep	Creative Inquiry
Rating Levels f %	Rating Levels f %
$\frac{1}{\text{Descriptive}} = 1 \qquad 0 \qquad 0\%$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$\frac{1}{1} = \frac{1}{14} =$	$\frac{1}{1} = \frac{1}{14} =$
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\frac{1}{1} \frac{1}{1} \frac{1}$
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
TOTAL         17         100%	TOTAL         17         100%
Critical Thinking	Critical Thinking
Integration	Problem Solving
Rating Levels f %	Rating Levels f %
Descriptive = 1 $3$ $18\%$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$\frac{1}{\text{Emerging} = 2} \qquad 11 \qquad 64\%$	$Emerging = 2 \qquad 12 \qquad 71\%$
$\frac{3}{2} = \frac{3}{3} = \frac{3}{18\%}$	$\frac{12}{\text{Developing} = 3} \qquad \frac{12}{4} \qquad \frac{176}{23\%}$
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
TOTAL         17         100%	TOTAL         17         100%
Critical Thinking	Communication         If         If
Logical Thinking	Data & Information
Rating Levels f %	Rating Levels f %
Descriptive = 1 $3$ $18\%$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$Emerging = 2 \qquad 11 \qquad 64\%$	$Emerging = 2 \qquad 13 \qquad 76\%$
$\frac{1}{\text{Developing}} = 3 \qquad 3 \qquad 18\%$	1000000000000000000000000000000000000
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
TOTAL 17 100%	TOTAL         17         100%
Communication	Collaboration
Argumentation	Team Work
Rating Levels f %	Rating Levels f %
Descriptive = $1$ 10 59%	$Descriptive = 1 \qquad 1 \qquad 6\%$
$Emerging = 2 \qquad 6 \qquad 35\%$	$Emerging = 2 \qquad 15 \qquad 88\%$
Developing = 3 1 $6\%$	$\frac{1}{1} \frac{1}{1} \frac{1}$
Accomplished = $4$ 0 0%	Accomplished = $4$ 0 0%
TOTAL 17 100%	TOTAL 17 100%
Collaboration	
Investigation Skills	
Rating Levels f %	
Descriptive = $1$ 0 0%	
$Emerging = 2 \qquad 16 \qquad 94\%$	
$\frac{1}{10000000000000000000000000000000000$	
Accomplished = $4$ 0 0%	

# CENTRAL ELEMENTARY (N = 17 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	100%	Descriptive = 1	14	100%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	100%	Descriptive = 1	4	25%
Emerging = 2	0	0%	Emerging = 2	12	75%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	43%	Emerging = 2	2	14%
Developing = 3	6	43%	Developing = 3	12	86%
Accomplished $= 4$	2	6%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	14%
Emerging = 2	2	14%	Emerging = 2	10	72%
Developing = 3	12	86%	Developing = 3	2	14%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	14	100%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	14	100%			

### CHUMUCKLA ELEMENTARY (N = 14 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	4	25%	$\frac{1}{\text{Descriptive}} = 1$	2	13%
Emerging = $2$	10	63%	Emerging = 2	12	74%
Developing = $3$	2	12%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	2	13%
Accomplished = $4$	0	0%	Accomplished = 4	$\frac{2}{0}$	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	Descriptive = 1	4	25%
Emerging = 2	14	87%	Emerging = 2	12	75%
$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	2	13%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	$\frac{1}{10000000000000000000000000000000000$	0	0%
TOTAL	16	100%	TOTAL	16	100%
IOTAL	10	10070	IOIAL	10	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	0	0%
Emerging $= 2$	10	62%	Emerging = 2	4	25%
Developing = 3	2	13%	Developing = 3	12	75%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	4	25%
Emerging $= 2$	10	62%	Emerging $= 2$	12	75%
Developing = 3	2	13%	Developing = $3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	4	25%			
Emerging = 2	12	75%			
Developing = $3$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	16	100%			

# CHUMUCKLA ELEMENTARY (N = 16 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	5	36%	Developing = 3	8	57%
Accomplished = 4	9	64%	Accomplished = 4	6	43%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0 %	Descriptive = 1	0	0%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	8	57%	Developing = 3	8	57%
Accomplished = 4	6	43%	Accomplished = 4	6	43%
TOTAL	14	100%		14	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	7	50%	Developing = 3	6	43%
Accomplished $= 4$	7	50%	Accomplished = 4	8	57%
TOTAL	14	100%	TOTAL	14	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0 %	Descriptive = 1	0	0%
Emerging = 2	0	0 %	Emerging = 2	0	0%
Developing = 3	10	71%	Developing = 3	1	7%
Accomplished = 4	4	29%	Accomplished = 4	13	93%
TOTAL	14	100%	TOTAL	14	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Level		0.0.1			
Descriptive = 1	0	0%			
Emerging = 2	0	0%			
Developing = 3	10	71%			
Accomplished = 4	4	29%			
TOTAL	14	100%			

CHUMUCKLA ELEMENTARY (N = 14 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = $1$	0	0%
Emerging = $2$	6	33%	Emerging = $2$	7	39%
Developing = $3$	12	67%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	11	61%
Accomplished = $4$	$\frac{12}{0}$	0%	$\frac{\text{Developing} - 3}{\text{Accomplished} = 4}$	0	01/0
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	 Descriptive = $1$	0	0%
Emerging = 2	6	33%	 Emerging = $2$	9	50%
Developing = $3$	12	67%	 $\frac{\text{Developing} = 2}{\text{Developing} = 3}$	9	50%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	18	100%		18	100%
Critical Thinking	10	10070	Communication	10	10070
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	6%	 Descriptive = $1$	1	6%
Emerging = $2$	11	61%	Emerging = $2$	11	11%
Developing = 3	6	33%	Developing = $3$	6	33%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	18	100%	TOTAL	18	100%
Communication	10	10070	Collaboration	10	10070
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	5%	Descriptive = 1	14	78%
Emerging $= 2$	13	72%	Emerging $= 2$	2	11%
Developing = 3	4	22%	Developing $= 3$	2	11%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	18	100%	TOTAL	18	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	14	78%			
Emerging = 2	2	11%			
Developing = 3	2	11%			
Accomplished = $4$	0	0%			
TOTAL	18	100%			

# CHUCKMUCKLA ELEMENTARY (N = 18 observations): Spring 2019 YEAR FOUR

Creative Prep	C	0./	Creative Inquiry	C	0.(
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	43%	Descriptive = 1	15	71%
Emerging = 2	12	57%	Emerging = 2	6	29%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	76%	Descriptive = 1	14	67%
Emerging = 2	5	24%	Emerging = 2	7	33%
Developing $= 3$	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	76%	Descriptive = 1	18	86%
Emerging = 2	5	24%	Emerging = 2	3	14%
Developing $= 3$	0	0%	Developing $= 3$	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	81%	Descriptive = 1	17	81%
Emerging $= 2$	4	19%	Emerging $= 2$	4	19%
Developing = 3	0	0%	Developing = $3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	21	100%	TOTAL	21	100%
Collaboration		20070			10070
Investigation					
Skills Rating	f	%			
Levels	1				
Descriptive = $1$	20	95%			
Emerging = $2$	1	5%			
Developing = $3$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	21	100%			
IUIAL	<u> </u>	100/0			

# AVALON MIDDLE SCHOOL (N= 21 observations): Spring 2017 YEAR TWO:

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	9	53%	Descriptive = $1$	16	94%
Emerging = $2$	8	47%	Emerging = $2$	10	<u> </u>
$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	0	<u>4//0</u> 0%	$\frac{\text{Difference}}{\text{Developing}} = 3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	17	100%	TOTAL	17	100%
Critical Thinking	1 /	10070	Critical Thinking	1 /	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	14	82%	Descriptive = $1$	14	82%
Emerging = $2$	3	18%	Emerging = $2$	3	18%
$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	0	0%	Developing = $3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	17	100%	TOTAL	20	100%
TOTAL	17	10070	TOTAL	20	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	100%	Descriptive = 1	12	71%
Emerging = 2	0	0%	Emerging $= 2$	5	29%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	17	100%	TOTAL	17	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	94%	Descriptive = 1	17	100%
Emerging $= 2$	1	6%	Emerging $= 2$	0	0%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	17	100%	TOTAL	17	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	16	94%			
Emerging = 2	1	6%			
Developing = 3	0	0 %			
Accomplished = 4	0	0%			
TOTAL	17	100%			

# AVALON MIDDLE SCHOOL (N= 17 observations): Spring 2018 YEAR THREE

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         7         23%         Emerging = 2         9         30%           Developing = 3         23         77%         Developing = 3         21         70%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Critical Thinking Integration         Rating Levels         f         %         Mode           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         7         23%         Emerging = 2         4         13%           Developing = 3         23         77%         Developing = 3         26         87%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Encrying = 2         6         20%         Emerging = 2	Creative Prep					
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Integration Rating Levels         f         %         Problem Solving Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         7         23%         Emerging = 2         4         13%           Developing = 3         23         77%         Developing = 3         26         87%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         30         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%     <		30	100%		30	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         7         23%         Emerging = 2         4         13%           Developing = 3         23         77%         Developing = 3         26         87%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         Accomplished = 4         0         0%           Critical Thinking Logical Thinking         Communication Data & Information         30         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           Communication Argumentation Rating Levels         f         %				-		
Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         7         23%         Emerging = 2         4         13%           Developing = 3         23         77%         Developing = 3         26         87%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         30         100%           Critical Thinking Logical Thinking         Communication Data & Information Rating Levels         6         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication Argumentation         Calaboration Team Work         Rating Levels         f         %           Descriptive = 1         0         0%         Developing = 3		2	0 (	U U U U U U U U U U U U U U U U U U U	2	<b>0</b> (
Emerging = 2         7         23%         Emerging = 2         4         13%           Developing = 3         23         77%         Developing = 3         26 $87\%$ Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         Accomplished = 4         0         0%           Critical Thinking Logical Thinking Edgical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication Argumentation         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Developing = 3         23         77%         Developing = 3         26         87%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         30         100%         30         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%	<u> </u>					
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       30       100%       30       100%       30       100%         Critical Thinking Logical Thinking Rating Levels       f       %       Communication Data & Information Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       0       0%         Emerging = 2       6       20%       Emerging = 2       8       27%         Developing = 3       23       77%       Developing = 3       22       73%         Accomplished = 4       1       3%       Accomplished = 4       0       0%         TOTAL       30       100%       TOTAL       30       100%         Communication Argumentation Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       5       17%         Developing = 3       11       37%       Developing = 3       10       33%         Accomplished = 4       2       6%       Accomplished = 4       4       13%         Developing = 3       11       37%       Developing = 3       10       33% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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Critical Thinking Logical Thinking Rating Levels $10000$ $10000$ Communication Descriptive = 1 $0$ $0\%$ $00\%$ Descriptive = 1 $0$ $0\%$ $00\%$ Descriptive = 1 $0$ $0\%$ $00\%$ Emerging = 2 $6$ $20\%$ $Emerging = 2$ $8$ $27\%$ Developing = 3 $23$ $77\%$ $00\%$ Developing = 3 $22$ $73\%$ Accomplished = 4 $1$ $3\%$ $Accomplished = 4$ $0$ $0\%$ $00\%$ $00\%$ TOTAL $30$ $100\%$ $00\%$ Communication Argumentation Rating Levels $f$ $\%$ Rating Levels $f$ $\%$ Rating Levels $f$ $\%$ Descriptive = 1 $0$ $0\%$ Developing = 3 $11$ $37\%$ Developing = 3 $10$ $33\%$ Accomplished = 4 $2$ $6\%$ Accomplished = 4 $2$ $6\%$ Accomplished = 4 $4$ $13\%$ TOTAL $30$ $100\%$ TOTAL $30$ $100\%$ TOTAL $30$ $100\%$ Developing = 3 $11$ $37\%$ $100\%$ Developing = 1 $1$ $3\%$ $100\%$ Developing = 2 $13$ $43\%$ $13$ Developing = 3 $13$ $43\%$ $13$ Developing = 3 <td< td=""><td></td><td></td><td></td><td>Accomplished <math>= 4</math></td><td></td><td></td></td<>				Accomplished $= 4$		
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 100%Descriptive = 100%Emerging = 2620%Emerging = 2827%Developing = 32377%Developing = 32273%Accomplished = 413%Accomplished = 400%TOTAL30100%TOTAL30100%Communication Argumentation Rating Levelsf%Rating LevelsfDescriptive = 100%Descriptive = 1517%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%TOTAL30100%TOTAL30100%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%TOTAL30100%TOTAL30100%Collaboration Investigation Skills Rating Levelsf%InterventionDescriptive = 113%InterventionInterventionInvestigation Skills Rating Levelsf%InterventionInvestigation Skills Rating Levelsf%InterventionDevelopi		30	100%		30	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication         Collaboration         Team Work             Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4         4         13%           TOTAL         30         100%         TOTAL         30 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication         Collaboration         Team Work         30         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4         4         13%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4 <td>5 5</td> <td></td> <td></td> <td></td> <td></td> <td></td>	5 5					
Emerging = 2         6         20%         Emerging = 2         8         27%           Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication         Collaboration         Team Work         30         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4         4         13%           TOTAL         30         100%         TOTAL         30         100%           Collaboration         Investigation Skills         4         13%         100%         100%           Descriptive = 1         1         3%         10         30						
Developing = 3         23         77%         Developing = 3         22         73%           Accomplished = 4         1         3%         Accomplished = 4         0         0%           TOTAL         30         100%         TOTAL         30         100%           Communication         Argumentation         Collaboration         30         100%           Argumentation         F         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4         4         13%           TOTAL         30         100%         TOTAL         30         100%           Collaboration         Investigation Skills         M         Investigation Skills         <		-		-		-
Accomplished = 4       1       3%       Accomplished = 4       0       0%         TOTAL       30       100%       TOTAL       30       100%         Communication       30       100%       TOTAL       30       100%         Argumentation       f       %       Collaboration       30       100%         Argumentation       f       %       Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       5       17%         Emerging = 2       17       57%       Emerging = 2       11       37%         Developing = 3       11       37%       Developing = 3       10       33%         Accomplished = 4       2       6%       Accomplished = 4       4       13%         TOTAL       30       100%       TOTAL       30       100%         Collaboration       Investigation Skills       f       %       Investigation Skills       Investiga						
TOTAL30100%TOTAL30100%Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 100%Descriptive = 1517%Emerging = 21757%Emerging = 21137%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%TOTAL30100%TOTAL30100%Collaboration Investigation Skills Rating Levelsf%Descriptive = 113%Emerging = 21343% </td <td></td> <td>23</td> <td>77%</td> <td>Developing = 3</td> <td>22</td> <td>73%</td>		23	77%	Developing = 3	22	73%
Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 100%Descriptive = 1517%Emerging = 21757%Emerging = 21137%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%TOTAL30100%TOTAL30100%Collaboration Investigation Skills Rating Levelsf%Emerging = 21343%	<u>^</u>	1	3%	Accomplished $= 4$	0	0%
Argumentation Rating Levelsf%Team Work Rating Levelsf%Descriptive = 100%Descriptive = 1517%Emerging = 21757%Emerging = 21137%Developing = 31137%Developing = 31033%Accomplished = 426%Accomplished = 4413%TOTAL30100%TOTAL30100%Collaboration Investigation Skills Rating Levelsf%Descriptive = 113%Emerging = 21343% </td <td></td> <td>30</td> <td>100%</td> <td>TOTAL</td> <td>30</td> <td>100%</td>		30	100%	TOTAL	30	100%
Rating Levels         f $\%$ Rating Levels         f $\%$ Descriptive = 1         0         0%         Descriptive = 1         5         17%           Emerging = 2         17         57%         Emerging = 2         11         37%           Developing = 3         11         37%         Developing = 3         10         33%           Accomplished = 4         2         6%         Accomplished = 4         4         13%           TOTAL         30         100%         TOTAL         30         100%           Collaboration         Investigation Skills         f $\%$ Investigation Skills         Investigation Skills           Rating Levels         f $\%$ Investigation Skills         Investigation Skills<				Collaboration		
Descriptive = 1       0       0%       Descriptive = 1       5       17%         Emerging = 2       17       57%       Emerging = 2       11       37%         Developing = 3       11       37%       Developing = 3       10       33%         Accomplished = 4       2       6%       Accomplished = 4       4       13%         TOTAL       30       100%       TOTAL       30       100%         Collaboration       Investigation Skills       f       %       Image: Second Skills       Image: Second Skills         Rating Levels       f       %       Image: Second Skills       Image: Second Skills       Image: Second Skills       Image: Second Skills         Descriptive = 1       1       3%       Image: Second Skills	•			Team Work		
Emerging = 2       17 $57\%$ Emerging = 2       11 $37\%$ Developing = 3       11 $37\%$ Developing = 3       10 $33\%$ Accomplished = 4       2 $6\%$ Accomplished = 4       4 $13\%$ TOTAL       30       100%       TOTAL       30       100%         Collaboration       Investigation Skills $f$ $\%$ $a$ $a$ Descriptive = 1       1 $3\%$ $a$ $a$ $a$ Developing = 3       13 $43\%$ $a$ $a$ $a$	Rating Levels	f	%	Rating Levels		%
Developing = 3       11 $37\%$ Developing = 3       10 $33\%$ Accomplished = 4       2 $6\%$ Accomplished = 4       4 $13\%$ TOTAL       30       100%       TOTAL       30       100%         Collaboration       Investigation Skills $f$ $\%$ $\phi_0$ $f$ $f$ Descriptive = 1       1 $3\%$ $f$ $f$ $f$ $f$ $f$ Developing = 2       13 $43\%$ $f$ $f$ $f$ $f$ Developing = 3       13 $43\%$ $f$ $f$ $f$ $f$		0	0%	Descriptive $= 1$	5	17%
Accomplished = 4       2       6%       Accomplished = 4       4       13%         TOTAL       30       100%       TOTAL       30       100%         Collaboration       Investigation Skills       70       7000       7000       7000         Investigation Skills       f       %       9%       9%       9%       9%       9%         Descriptive = 1       1       3%       9%       9%       9%       9%       9%         Emerging = 2       13       43%       9%	Emerging $= 2$	17	57%	Emerging $= 2$	11	37%
TOTAL30100%TOTAL30100%Collaboration Investigation Skills Rating Levelsf%666Descriptive = 113%6666Emerging = 21343%6666Developing = 31343%6666	Developing = 3	11	37%	Developing = 3	10	33%
Collaboration Investigation Skills Rating Levelsf $\%$ Descriptive = 11 $3\%$ Emerging = 213 $43\%$ Developing = 313 $43\%$	Accomplished = 4	2	6%	Accomplished = 4	4	13%
Investigation Skills Rating Levelsf $\%$ $\%$ Descriptive = 11 $3\%$ $\%$ Emerging = 213 $43\%$ $\%$ Developing = 313 $43\%$ $\%$	TOTAL	30	100%	TOTAL	30	100%
Rating Levels         f $\%$ Image: Constraint of the second s	Collaboration					
Descriptive = 1       1 $3\%$ Emerging = 2       13 $43\%$ Developing = 3       13 $43\%$						
Emerging = 2         13         43%           Developing = 3         13         43%	Rating Levels	f	%			
Developing = 3 13 43%	Descriptive = 1	1	3%			
Developing = 3 13 43%	Emerging = 2	13	43%			
	Accomplished = $4$	3	10%			
TOTAL 30 100%	<u>^</u>					

# AVALON MIDDLE SCHOOL (N = 30 observations): Spring 2019 YEAR FOUR

Creative Prep			C	reative Inquiry		
Rating Levels	f	%		ating Levels	f	%
Descriptive = 1	9	50%		escriptive $= 1$	13	72%
Emerging = 2	9	50%		merging $= 2$	5	28%
Developing = 3	0	0%		eveloping = 3	0	0%
Accomplished = $4$	0	0%		ccomplished = $4$	0	0%
TOTAL	18	100%		TOTAL	18	100%
Critical Thinking			С	ritical Thinking		
Integration				roblem Solving		
Rating Levels	f	%	R	ating Levels	f	%
Descriptive = 1	13	72%	D	escriptive = 1	12	67%
Emerging $= 2$	5	28%	E	merging $= 2$	6	33%
Developing = 3	0	0%	D	eveloping = 3	0	0%
Accomplished = 4	0	0%	Α	ccomplished = 4	0	0%
TOTAL	18	100%		TOTAL	18	100%
Critical Thinking				ommunication		
Logical Thinking				ata & Information		
Rating Levels	f	%		ating Levels	f	%
Descriptive = 1	15	83%		escriptive = 1	8	44%
Emerging = 2	3	17%		merging $= 2$	10	56%
Developing = 3	0	0%		eveloping = 3	0	0%
Accomplished $= 4$	0	0%	A	ccomplished = 4	0	0%
TOTAL	18	100%		TOTAL	18	100%
Communication				ollaboration		
Argumentation				eam Work		
Rating Levels	f	%		ating Levels	f	%
Descriptive = 1	12	67%		escriptive = 1	13	72%
Emerging = 2	6	33%		merging $= 2$	5	28%
Developing = 3	0	0%		eveloping = 3	0	0 %
Accomplished = 4	0	0%	A	ccomplished = 4	0	0%
TOTAL	18	100%		TOTAL	18	100%
Collaboration						
Investigation						
Skills Rating	f	%				
Levels						
Descriptive = 1	11	61%				
Emerging = 2	7	39%				
Developing = 3	0	0%				
Accomplished = 4	0	0%				
TOTAL	18	100%				

### SIMS MIDDLE SCHOOL (N= 18 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	38%	Descriptive = 1	15	62%
Emerging = 2	15	62%	Emerging = 2	9	38%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	21	82%	Descriptive = 1	20	83%
Emerging = 2	3	18%	Emerging = 2	4	17%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	54%	Descriptive = 1	13	54%
Emerging $= 2$	11	46%	Emerging $= 2$	11	46%
Developing $= 3$	0	0%	Developing $= 3$	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	24	100%	Descriptive = 1	19	79%
Emerging = 2	0	0%	Emerging = 2	5	21%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	20	83%			
Emerging = 2	4	17%			
Developing = 3	0	0 %			
Accomplished = 4	0	0%			
TOTAL	24	100%			

### SIMS MIDDLE SCHOOL (N= 24 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	6%	Descriptive = 1	1	3%
Emerging = 2	6	19%	Emerging $= 2$	13	41%
Developing = 3	23	72%	Developing = 3	18	56%
Accomplished = 4	1	3%	Accomplished = 4	0	0%
TOTAL	32	100%	TOTAL	32	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	3%	Descriptive = 1	1	3%
Emerging = 2	14	44%	Emerging = 2	13	41%
Developing = 3	17	53%	Developing = 3	18	56%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	32	100%		32	100%3
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	9%	Descriptive = 1	4	13%
Emerging = 2	16	50%	Emerging = 2	16	50%
Developing = 3	13	41%	Developing = 3	13	34%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	32	100%	TOTAL	32	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	13%	Descriptive = 1	17	53%
Emerging = 2	19	59%	Emerging = 2	8	25%
Developing = 3	9	28%	Developing = 3	7	22%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	32	100%	TOTAL	32	100%
Collaboration					
Investigation Skills	2	<b>2</b> (			
Rating Levels	f	%			
Descriptive = 1	18	56%			
Emerging = 2	7	22%			
Developing = 3	6	19%			
Accomplished = 4	1	3%			
TOTAL	32	100%			

# SIMS MIDDLE SCHOOL (N = 32 Observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	20	100%	Descriptive = 1	16	80%
Emerging = $2$	0	0%	Emerging = $2$	4	20%
Developing = $3$	0	0%	Developing $= 3$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking	20	10070	Critical Thinking	20	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	95%	Descriptive = 1	16	80%
Emerging = 2	1	5%	Emerging = 2	4	20%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	70%	Descriptive = 1	18	90%
Emerging = 2	6	30%	Emerging = 2	2	10%
Developing = $3$	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	20	100%	Descriptive = 1	16	80%
Emerging $= 2$	0	0%	Emerging $= 2$	4	20%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	16	80%			
Emerging = 2	4	20%			
Developing = 3	0	0 %			
Accomplished = 4	0	0%			
TOTAL	20	100%			

EAST MILTON ELEMENTARY SCHOOL (N= 20 observations): Spring 2016 YEAR ONE

			~ • • •		
Creative Prep	0	0 (	Creative Inquiry	2	0.4
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	42%	Descriptive = 1	8	42%
Emerging = 2	10	53%	Emerging = 2	10	53%
Developing = 3	1	5%	Developing = 3	1	5%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	 TOTAL	19	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	63%	Descriptive = 1	12	63%
Emerging = 2	7	37%	Emerging = 2	6	32%
Developing = 3	0	0%	Developing = 3	1	5%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	68%	Descriptive = 1	7	37%
Emerging = 2	6	32%	Emerging $= 2$	12	63%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	100%	Descriptive = 1	16	84%
Emerging = 2	0	0%	Emerging $= 2$	2	11%
Developing = 3	0	0%	Developing = 3	1	5%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	19	100%	TOTAL	19	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	5	26%			
Emerging = 2	12	63%			
Developing = 3	2	11%			
Accomplished = 4	0	0%			
TOTAL	19	100%			

# EAST MILTON ELEMENTARY SCHOOL (N= 19 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	2	13%	Descriptive = 1	5	33%
Emerging = $2$	13	87%	Emerging = 2	7	47%
Developing $= 3$	0	0%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking	15	10070	Critical Thinking	15	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	20%	Descriptive = 1	1	7%
Emerging = $2$	10	67%	Emerging = $2$	13	86%
Developing = $3$	2	13%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	15	7%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
TOTIL	10	10070	TOTAL	10	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive $= 1$	2	13%	Descriptive = 1	2	13%
Emerging = $2$	9	60%	Emerging = 2	13	87%
$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	4	27%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Communication	15	10070	Collaboration	15	10070
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive $= 1$	15	100%	Descriptive = 1	14	93%
Emerging = $2$	0	0%	Emerging = $2$	1	7%
Developing = $3$	0	0%	$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Collaboration	10	10070		10	10070
Investigation					
Skills Rating	f	%			
Descriptive = 1	3	20%			
Emerging $= 2$	12	80%			
Developing = $3$	0	0 %			
Accomplished = $4$	0	0%			
TOTAL	15	100%			

EAST MILTON ELEMENTARY SCHOOL (N= 15 observations): Spring 2018 YEAR THREE

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         2         9%         Descriptive = 1         2         9%           Emerging = 2         3         14%         Emerging = 2         9         41%           Developing = 3         17         77%         Developing = 3         11         50%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Critical Thinking Integration         TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         2         10%         Descriptive = 1         0         0%           Emerging = 2         10         45%         Emerging = 2         8         36%           Developing = 3         10         45%         Developing = 3         14         64%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %	Creative Prep			Creative Inquiry		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	*	f	0/0		f	0/0
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1		-			
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Critical Thinking Integration Rating Levels $122$ $10000$ Critical Thinking Rating Levels $122$ $10000$ Descriptive = 1         2 $100\%$ Descriptive = 1         0 $0\%$ Emerging = 2         10 $45\%$ Emerging = 2         8 $36\%$ Developing = 3         10 $45\%$ Developing = 3         14 $64\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Critical Thinking Logical Thinking Rating Levels         f $\%$ Rating Levels         f $\%$ Descriptive = 1         0 $0\%$ $0\%$ Emerging = 2         8 $36\%$ Emerging = 2         8 $36\%$ Developing = 3         14 $66\%$ Developing = 3         14 $66\%$ Communication         Contrastication         Contrastication         Contrastication $707AL$ $22$	A			*		-
Integration Rating Levels         f         %         Problem Solving Rating Levels         f         %           Descriptive = 1         2         10%         Descriptive = 1         0         0%           Emerging = 2         10         45%         Emerging = 2         8         36%           Developing = 3         10         45%         Developing = 3         14         64%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         Accomplished = 4         0         0%           Critical Thinking Logical Thinking         Communication Data & Information         32         100%           Emerging = 2         8         36%         Emerging = 2         8         36%           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         8         36%         Emerging = 2         8         36%           Developing = 3         14         66%         Developing = 3         14         66%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Rating Levels         f			10070			10070
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         2         10%         Descriptive = 1         0         0%           Emerging = 2         10         45%         Emerging = 2         8         36%           Developing = 3         10         45%         Developing = 3         14         64%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         Accomplished = 4         0         0%           Critical Thinking         Communication         Data & Information         32         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         8         36%         Emerging = 2         8         36%           Developing = 3         14         66%         Developing = 3         14         66%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication         TOTAL         22         100% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2	f	0/0	Ũ	f	0/0
Emerging = 2         10 $45\%$ Emerging = 2         8 $36\%$ Developing = 3         10 $45\%$ Developing = 3         14 $64\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ TOTAL         22 $100\%$ 32 $100\%$ Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0 $0\%$ Descriptive = 1         0 $0\%$ Emerging = 2         8 $36\%$ Emerging = 2         8 $36\%$ Developing = 3         14 $66\%$ Developing = 3         14 $66\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         1 $4\%$ Descriptive = 1         2 $9\%$ Emerging = 2         18 $82\%$ Emerging = 2         5 $23\%$ Descriptive =	Descriptive = 1			0		
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Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       32       100%         Critical Thinking Logical Thinking Rating Levels       f       %       Communication Data & Information Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       0       0%         Emerging = 2       8       36%       Emerging = 2       8       36%         Developing = 3       14       66%       Developing = 3       14       66%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Communication Argumentation Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       1       4%       Descriptive = 1       2       9%         Emerging = 2       18       82%       Emerging = 2       5       23%         Developing = 3       3       14%       Developing = 3       15       68%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Developing = 3						
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Critical Thinking Logical Thinking Rating Levels $122$ $100\%$ $100\%$ Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Emerging = 2836%Emerging = 2836%Developing = 31466%Developing = 31466%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf%Rating LevelsfMaguentation Rating Levelsf%Descriptive = 129%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Descriptive = 100% $0\%$ $0\%$ Developing = 31359% $0\%$ $0\%$ $0\%$ Developing = 31359% $0\%$ $0\%$	<u> </u>					
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 100%Descriptive = 100%Emerging = 2836%Emerging = 2836%Developing = 31466%Developing = 31466%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf $\%$ Rating Levelsff%Rating Levelsf%Descriptive = 114%Descriptive = 129%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Rating Levelsf%Image: Collaboration Image: CollaborationImage: Collaboration Image: CollaborationInvestigation Skills Rating Levelsf%Image: Collaboration Image: CollaborationImage: Collaboration Image: CollaborationImage: Collaboration Image: CollaborationImage: Collaboration Image: CollaborationImage: Collaboration Image: Collaboration <td></td> <td></td> <td>10070</td> <td>Communication</td> <td>52</td> <td>10070</td>			10070	Communication	52	10070
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         8         36%         Emerging = 2         8         36%           Developing = 3         14         66%         Developing = 3         14         66%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication         Collaboration         Team Work         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         1         4%         Descriptive = 1         2         9%           Emerging = 2         18         82%         Emerging = 2         5         23%           Developing = 3         3         14%         Developing = 3         15         68%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Descriptive = 1         0         0%						
Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         8         36%         Emerging = 2         8         36%           Developing = 3         14         66%         Developing = 3         14         66%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Communication         Collaboration         Team Work         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         1         4%         Descriptive = 1         2         9%           Emerging = 2         18         82%         Emerging = 2         5         23%           Developing = 3         3         14%         Developing = 3         15         68%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Collaboration         f         %         Accomplished = 4<	2 2	f	0/0		f	0/0
Emerging = 2       8       36%       Emerging = 2       8       36%         Developing = 3       14       66%       Developing = 3       14       66%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Communication       Collaboration       Team Work       Rating Levels       f       %         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       1       4%       Descriptive = 1       2       9%         Emerging = 2       18       82%       Emerging = 2       5       23%         Developing = 3       3       14%       Developing = 3       15       68%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation Skills				)		
Developing = 3         14         66%         Developing = 3         14         66%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Communication         22         100%         TOTAL         22         100%           Communication         Collaboration         Team Work         2         100%         100%           Argumentation         f         %         Rating Levels         f         %           Descriptive = 1         1         4%         Descriptive = 1         2         9%           Emerging = 2         18         82%         Emerging = 2         5         23%           Developing = 3         3         14%         Developing = 3         15         68%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Collaboration         f         %         Accomplished = 4         0         0%           Descriptive = 1         0         0%         Imereging = 2	A	-		1	-	
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Communication       22       100%       TOTAL       22       100%         Argumentation       Collaboration       Team Work       20       100%         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       1       4%       Descriptive = 1       2       9%         Emerging = 2       18       82%       Emerging = 2       5       23%         Developing = 3       3       14%       Developing = 3       15       68%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation Skills       6       6       6       6         Rating Levels       f       %       9       6       6       6       6         Descriptive = 1       0       0%       0       6       6       6       6       6       6       6       6       6 <t< td=""><td><u> </u></td><td></td><td></td><td><u> </u></td><td></td><td></td></t<>	<u> </u>			<u> </u>		
TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 114%Descriptive = 129%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%0Descriptive = 100%0%0Descriptive = 100%0%0Descriptive = 100%0%0Developing = 31359%00Accomplished = 400%0%0						
Communication Argumentation Rating Levelsf $\%$ Collaboration Team Work Rating Levelsf $\%$ Descriptive = 114%Descriptive = 129%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf $\%$ Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Developing = 31359%Accomplished = 400%	<u> </u>	-		-	-	-
Argumentation Rating Levelsf $\%$ Team Work Rating Levelsf $\%$ Descriptive = 114%Descriptive = 129%Emerging = 21882%Emerging = 2523%Developing = 3314%Developing = 31568%Accomplished = 400%Accomplished = 400%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf $\%$ Descriptive = 100%Descriptive = 100%Emerging = 2941%Developing = 31359%Accomplished = 400%			10070			10070
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         1         4%         Descriptive = 1         2         9%           Emerging = 2         18         82%         Emerging = 2         5         23%           Developing = 3         3         14%         Developing = 3         15         68%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Collaboration         Investigation Skills         6         6         6           Rating Levels         f         %         6         6         6           Descriptive = 1         0         0%         6         6         6         6           Descriptive = 1         0         0%         6         6         6         6         6           Emerging = 2         9         41%         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6						
Descriptive = 1         1         4%         Descriptive = 1         2         9%           Emerging = 2         18         82%         Emerging = 2         5         23%           Developing = 3         3         14%         Developing = 3         15         68%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Collaboration         Investigation Skills         f         %         Model         Model           Descriptive = 1         0         0%         Model         Model         Model         Model           Emerging = 2         9         41%         Model         Model         Model         Model           Developing = 3         13         59%         Model	•	f	%		f	%
Emerging = 2       18       82%       Emerging = 2       5       23%         Developing = 3       3       14%       Developing = 3       15       68%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation Skills       f       %       Image: Collaboration of the second of	Descriptive = 1					
Developing = 3       3       14%       Developing = 3       15       68%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation Skills       f       %       Investigation Skills       <						
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation Skills       7			-	~ ~ ~		
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Collaboration Investigation Skills Rating Levelsf $\%$ $\%$ Descriptive = 100% $\%$ Emerging = 2941% $\%$ Developing = 31359% $\%$ Accomplished = 400% $\%$	•			*		-
Investigation Skills Rating Levelsf%Descriptive = 100%Emerging = 2941%Developing = 31359%Accomplished = 400%	Collaboration					
Descriptive = 1       0       0%         Emerging = 2       9 $41\%$ Developing = 3       13       59%         Accomplished = 4       0       0%						
Descriptive = 1       0       0%          Emerging = 2       9 $41\%$ Developing = 3       13       59%          Accomplished = 4       0       0%	Rating Levels	f	%			
Emerging = 2       9       41% $\blacksquare$ Developing = 3       13       59% $\blacksquare$ Accomplished = 4       0       0% $\blacksquare$	Descriptive = 1					
Developing = 3         13         59%           Accomplished = 4         0         0%						
Accomplished = 4 0 $0\%$						
	TOTAL	22	100%			

# EAST MILTON ELEMENTARY SCHOOL (N = 46 observations): Spring 2019: YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	6	27%	Descriptive = $1$	9	41%
Emerging = $2$	10	46%	Emerging = $2$	3	14%
Developing = $3$	6	27%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	6	27%
Accomplished = $4$	0	0%	Accomplished = $4$	4	18%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking		10070	Critical Thinking		10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	41%	Descriptive = 1	8	36%
Emerging $= 2$	10	45%	Emerging $= 2$	7	32%
Developing = 3	3	14%	Developing = 3	7	32%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	59%	Descriptive = 1	7	32%
Emerging $= 2$	7	32%	Emerging $= 2$	8	36%
Developing = 3	2	9%	Developing = 3	1	5%
Accomplished $= 4$	0	0%	Accomplished = 4	6	27%
TOTAL	22	100%	TOTAL	22	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	77%	Descriptive = 1	13	59%
Emerging = 2	5	23%	Emerging = 2	5	23%
Developing = 3	0	0%	Developing = 3	4	18%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	13	59%			
Emerging = 2	3	14%			
Developing = 3	6	27%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

# GULF BREEZE ELEMENTARY (N=22 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	Descriptive = $1$	0	0%
Emerging = $2$	6	50%	Emerging = $2$	8	67%
Developing = $3$	6	50%	Developing = $3$	4	33%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	12	100%	TOTAL	12	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	8	67%	Emerging $= 2$	6	50%
Developing = 3	4	33%	Developing = 3	6	50%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	12	100%	TOTAL	12	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	8%	Descriptive = 1	0	0%
Emerging = 2	8	67%	Emerging $= 2$	7	58%
Developing = 3	3	25%	Developing = 3	3	25%
Accomplished = 4	0	0%	Accomplished = 4	2	17%
TOTAL	12	100%	TOTAL	12	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	16%	Descriptive = 1	3	25%
Emerging = 2	8	68%	Emerging $= 2$	5	43%
Developing = 3	2	16%	Developing = 3	2	16%
Accomplished = 4	0	0%	Accomplished = 4	2	16%
TOTAL	12	100%	TOTAL	12	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	8	67%			
Developing = 3	4	33%			
Accomplished = 4	0	0%			
TOTAL	12	100%			

### GULF BREEZE ELEMENTARY (N=12 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	7	44%	Descriptive = 1	1	6%
Emerging $= 2$	3	19%	Emerging = $2$	6	37%
Developing = 3	6	37%	Developing = 3	6	37%
Accomplished = $4$	0	0%	Accomplished = 4	3	20%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	9	56%	Emerging $= 2$	10	62%
Developing = 3	5	31%	Developing = 3	3	19%
Accomplished = 4	2	13%	Accomplished = 4	3	19%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	0	0%
Emerging $= 2$	8	50%	Emerging $= 2$	10	63%
Developing = 3	5	31%	Developing = 3	5	31%
Accomplished $= 4$	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	5	31%
Emerging = 2	8	50%	Emerging = 2	7	44%
Developing = 3	8	50%	Developing = 3	4	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation	C	07			
$\frac{\text{Skills Rating}}{\text{Decominations}} = 1$	f 0	<mark>%</mark>			
Descriptive = $1$	0 9	0%			
Emerging = $2$	6	<u>56%</u>			
Developing = $3$	<u>6</u> 1	<u>38 %</u> 6%			
Accomplished = $4$					
TOTAL	15	100%			

GULF BREEZE ELEMENTARY SCHOOL (N= 16 observations): Spring 2018 YEAR THREE

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         4         22%         Descriptive = 1         3         17%           Emerging = 2         11         61%         Emerging = 2         13         72%           Developing = 3         3         17%         Developing = 3         2         11%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Critical Thinking Integration         TOTAL         18         100%         TOTAL         18         100%           Critical Thinking Integration         Problem Solving         7         39%         2         11%           Emerging = 2         14         78%         Descriptive = 1         2         11%           Emerging = 2         14         78%         Emerging = 2         8         45%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         1         5%           TOTAL         18         100%         Rating Levels         f         %           Descriptive = 1 <td< th=""><th>Creative Prep</th><th></th><th></th><th>Creative Inquiry</th><th></th><th></th></td<>	Creative Prep			Creative Inquiry		
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Critical Thinking Integration Rating Levels $10$ $10000$ $10000$ Rating Levels $f$ $\%$ $\%$ Rating Levels $f$ $\%$ Descriptive = 11 $5\%$ Descriptive = 12 $11\%$ Emerging = 214 $78\%$ Emerging = 28 $45\%$ Developing = 33 $17\%$ Developing = 37 $39\%$ Accomplished = 40 $0\%$ Accomplished = 41 $5\%$ TOTAL18 $100\%$ 18 $100\%$ Critical Thinking Logical Thinking Rating Levels $f$ $\%$ Rating Levels $f$ Descriptive = 15 $28\%$ Descriptive = 16 $33\%$ Emerging = 211 $61\%$ Emerging = 211 $61\%$ Developing = 32 $11\%$ Developing = 31 $6\%$ Accomplished = 40 $0\%$ Accomplished = 40 $0\%$ Communication Accomplished = 40 $0\%$ Accomplished = 40Communication Argumentation 			-	*		-
Integration Rating Levels $f$ $\%$ $\%$ Problem Solving Rating Levels $f$ $\%$ $\%$ Descriptive = 11 $5\%$ Descriptive = 12 $11\%$ Emerging = 214 $78\%$ Emerging = 28 $45\%$ Developing = 33 $17\%$ Developing = 37 $39\%$ Accomplished = 40 $0\%$ Accomplished = 41 $5\%$ TOTAL18 $100\%$ 18 $100\%$ 18 $100\%$ Critical Thinking Logical Thinking Rating Levels $f$ $\%$ Descriptive = 16 $33\%$ Emerging = 211 $61\%$ Emerging = 211 $61\%$ $6\%$ Developing = 32 $11\%$ Developing = 31 $6\%$ Accomplished = 40 $0\%$ Accomplished = 40 $0\%$ Communication Rating Levels $f$ $\%$ Descriptive = 16 $33\%$ Developing = 32 $11\%$ Developing = 31 $6\%$ Accomplished = 40 $0\%$ Accomplished = 40 $0\%$ Communication Rating Levels $f$ $\%$ Rating Levels $f$ $\%$ Rating Levels $f$ $\%$ Rating Levels $f$ $\%$ Descriptive = 15 $28\%$ Descriptive = 15 $28\%$ Developing = 33 $17\%$ Developing = 37 $39\%$ Developing = 33 $17\%$ Developing = 37 $39\%$ Developing = 33 $17\%$		18	100%		18	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         1         5%         Descriptive = 1         2         11%           Emerging = 2         14         78%         Emerging = 2         8         45%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         1         5%           TOTAL         18         100%         18         100%           Critical Thinking Logical Thinking         Communication         18         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         6         33%           Emerging = 2         11         61%         Emerging = 2         11         61%           Developing = 3         2         11%         Developing = 3         1         6%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication         rating Levels         f         %         Rating Levels         f<						
Descriptive = 1         1         5%         Descriptive = 1         2         11%           Emerging = 2         14         78%         Emerging = 2         8         45%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         1         5%           TOTAL         18         100%         18         100%           Critical Thinking Logical Thinking         Communication Data & Information         7         39%           Critical Thinking Logical Thinking         Communication         7         39%           Emerging = 2         11         61%         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         6         33%           Emerging = 2         11         61%         Emerging = 2         11         61%           Developing = 3         2         11%         Developing = 3         1         6%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Descriptive = 1         5         28%         Descriptive = 1         5         28%<	5	C	07	Ũ	C	07
Emerging = 2         14         78%         Emerging = 2         8         45%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         1         5%           TOTAL         18         100%         18         100%           Critical Thinking Logical Thinking         Communication Data & Information Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         6         33%           Emerging = 2         11         61%         Emerging = 2         11         61%           Developing = 3         2         11%         Developing = 3         1         6%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         5         28%           Emerging = 2         10         55%						
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Accomplished = 4       0       0%       Accomplished = 4       1       5%         TOTAL       18       100%       18       100%         Critical Thinking Logical Thinking Rating Levels       f       %       Communication Data & Information Rating Levels       f       %         Descriptive = 1       5       28%       Descriptive = 1       6       33%         Emerging = 2       11       61%       Emerging = 2       11       61%         Developing = 3       2       11%       Developing = 3       1       6%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         TOTAL       18       100%       TOTAL       18       100%         Communication Argumentation Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       5       28%       Descriptive = 1       5       28%         Emerging = 2       10       55%       Emerging = 2       6       33%         Developing = 3       3       17%       Developing = 3       7       39%         Accomplished = 4						
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Critical Thinking Logical Thinking Rating LevelsfYouCommunication Data & Information Rating Levelsf%Descriptive = 1528%Descriptive = 1633%Emerging = 21161%Emerging = 21161%Developing = 3211%Developing = 316%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Communication Argumentation Rating Levelsf%Rating LevelsfMaguentation Rating Levelsf%Descriptive = 1528%Descriptive = 1528%Descriptive = 1528%Developing = 3317%Developing = 3739%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Collaboration TOTAL18100%TOTAL18100%Collaboration Investigation Skills Rating Levelsf%Maccomplished = 40Descriptive = 1211%Image: second s	*	-		Accomplished = 4		
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 1528%Descriptive = 1633%Emerging = 21161%Emerging = 21161%Developing = 3211%Developing = 316%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Communication Argumentation Rating Levelsf $\%$ Rating Levelsff%Rating Levelsf%Descriptive = 1528%Descriptive = 1528%Descriptive = 1528%Descriptive = 1528%Developing = 3317%Developing = 3739%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Collaboration Investigation Skills Rating Levelsf $\%$ $\mu$ Descriptive = 1211% $\mu$ $\mu$ $\mu$ Developing = 3317% $\mu$ $\mu$ $\mu$ Developing = 3316% $\mu$ $\mu$ $\mu$ Developing = 3528% $\mu$ $\mu$ $\mu$ <td></td> <td>18</td> <td>100%</td> <td></td> <td>18</td> <td>100%</td>		18	100%		18	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         6         33%           Emerging = 2         11         61%         Emerging = 2         11         61%           Developing = 3         2         11%         Developing = 3         1         6%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         18         100%         TOTAL         18         100%           Communication         Collaboration         Team Work         Mating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         5         28%           Emerging = 2         10         55%         Emerging = 2         6         33%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Descrip	C C					
Descriptive = 1         5         28%         Descriptive = 1         6         33%           Emerging = 2         11 $61\%$ Emerging = 2         11 $61\%$ Developing = 3         2 $11\%$ $0\%$ Developing = 3         1 $6\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ TOTAL         18 $100\%$ TOTAL         18 $100\%$ Communication         Collaboration         Team Work         Rating Levels         f $\%$ Rating Levels         f $\%$ Rating Levels         f $\%$ Descriptive = 1         5 $28\%$ Developing = 3         3 $17\%$ Developing = 3         7 $39\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Collaboration         Investigation Skills         f $\%$ Investigation Skills         Investigation Skills<				Data & Information		
Emerging = 2       11 $61\%$ Emerging = 2       11 $61\%$ Developing = 3       2 $11\%$ Developing = 3       1 $6\%$ Accomplished = 4       0 $0\%$ Accomplished = 4       0 $0\%$ TOTAL       18 $100\%$ TOTAL       18 $100\%$ Communication       Collaboration       Team Work       Rating Levels       f       %         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       5 $28\%$ Descriptive = 1       5 $28\%$ Emerging = 2       10 $55\%$ Emerging = 2       6 $33\%$ Developing = 3       3 $17\%$ Developing = 3       7 $39\%$ Accomplished = 4       0 $0\%$ Accomplished = 4       0 $0\%$ Collaboration       Investigation Skills       f $\%$ Image: Similar Si	-			Rating Levels		%
Developing = 3         2         11%         Developing = 3         1         6%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         18         100%         TOTAL         18         100%           Communication         Collaboration         ToTAL         18         100%           Argumentation         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         5         28%           Emerging = 2         10         55%         Emerging = 2         6         33%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         18         100%         TOTAL         18         100%           Collaboration         r         r         100%         TOTAL         18         100%           Collaboration         r         6%         r         18         100%         10%           Descriptive = 1         2         11%         r         18<		5	28%	Descriptive = 1	6	33%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Communication       Collaboration       Team Work       18       100%         Argumentation       f       %       Rating Levels       f       %         Descriptive = 1       5       28%       Descriptive = 1       5       28%         Emerging = 2       10       55%       Emerging = 2       6       33%         Developing = 3       3       17%       Developing = 3       7       39%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Collaboration       Investigation Skills		11	61%		11	61%
TOTAL         18         100%         TOTAL         18         100%           Communication Argumentation Rating Levels         f         %         Collaboration Team Work Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         5         28%           Emerging = 2         10         55%         Emerging = 2         6         33%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         18         100%         TOTAL         18         100%           Collaboration Investigation Skills Rating Levels         f         %             Descriptive = 1         2         11%               Descriptive = 1         2         11%                Developing = 3         5         28%                Accomplished = 4         0         0%	Developing = 3	2	11%	Developing $= 3$	1	6%
Communication Argumentation Rating Levelsf $\%$ Collaboration Team Work Rating Levelsf $\%$ Descriptive = 1528%Descriptive = 1528%Emerging = 21055%Emerging = 2633%Developing = 3317%Developing = 3739%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Collaboration Investigation Skills Rating Levelsf $\%$ Descriptive = 1211%61%Developing = 3528%Developing = 400%Collaboration Investigation Skills Rating Levelsf $\%$ Mathematical equation11%11%Descriptive = 1211% </td <td>Accomplished = 4</td> <td>0</td> <td>0%</td> <td>Accomplished <math>= 4</math></td> <td>0</td> <td>0%</td>	Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
Argumentation Rating Levelsf $\%$ Team Work Rating Levelsf $\%$ Descriptive = 1528%Descriptive = 1528%Emerging = 21055%Emerging = 2633%Developing = 3317%Developing = 3739%Accomplished = 400%Accomplished = 400%TOTAL18100%TOTAL18100%Collaboration Investigation Skills Rating Levelsf $\%$ Descriptive = 1211%Emerging = 21161%Developing = 3528%Accomplished = 400%	TOTAL	18	100%	TOTAL	18	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         5         28%         Descriptive = 1         5         28%           Emerging = 2         10         55%         Emerging = 2         6         33%           Developing = 3         3         17%         Developing = 3         7         39%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         18         100%         TOTAL         18         100%           Collaboration         Investigation Skills         f         %             Descriptive = 1         2         11%               Descriptive = 1         2         11%                Emerging = 2         11         61%                 Developing = 3         5         28%				Collaboration		
Descriptive = 1       5       28%       Descriptive = 1       5       28%         Emerging = 2       10       55%       Emerging = 2       6       33%         Developing = 3       3       17%       Developing = 3       7       39%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Collaboration       Investigation Skills       6       33%       100%         Descriptive = 1       2       11%       11%       100%       100%         Descriptive = 1       2       11%       11%       100%       100%         Emerging = 2       11       61%       11%       11%       11%         Developing = 3       5       28%       11%       11%       11%         Accomplished = 4       0       0%       11%       11%       11%				Team Work		
Emerging = 2       10       55%       Emerging = 2       6       33%         Developing = 3       3       17%       Developing = 3       7       39%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Collaboration       Investigation Skills       f       %       Image: Collaboration in the second sec	Rating Levels	f	%	Rating Levels	f	%
Developing = 3       3 $17\%$ Developing = 3       7 $39\%$ Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Collaboration       Investigation Skills       f       %       Image: Collaboration of the second	Descriptive = 1	5	28%	Descriptive = 1	5	28%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       18       100%       TOTAL       18       100%         Collaboration       Investigation Skills       Image: state st	Emerging = 2	10	55%	Emerging $= 2$	6	33%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Developing = 3	3	17%	Developing = 3	7	39%
Collaboration Investigation Skills Rating Levelsf $\%$ $\phi$ Descriptive = 1211%Emerging = 211061%Developing = 3528%61%Accomplished = 400%61%	Accomplished = 4	0	0%	Accomplished = 4	0	0%
Investigation Skills Rating Levelsf%Descriptive = 1211%Emerging = 21161%Developing = 3528%Accomplished = 400%	TOTAL	18	100%		18	100%
Rating Levels         f $\%$ Image: Constraint of the second s	Collaboration					
Descriptive = 1       2       11% $\sim$ Emerging = 2       11       61% $\sim$ Developing = 3       5       28% $\sim$ Accomplished = 4       0       0% $\sim$						
Emerging = 2       11 $61\%$ Developing = 3       5 $28\%$ Accomplished = 4       0 $0\%$	Rating Levels	f	%			
Emerging = 2       11 $61\%$ Developing = 3       5 $28\%$ Accomplished = 4       0 $0\%$	Descriptive = 1	2	11%			
Developing = 35 $28\%$ Accomplished = 400%	_	11				
Accomplished = 4 0 0%						
	TOTAL	18	100%			

# GULF BREEZE ELEMENTARY SCHOOL (N = 18 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	80%	Descriptive $= 1$	12	60%
Emerging = 2	4	20%	Emerging = 2	7	35%
Developing = 3	0	0%	Developing = 3	1	5%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	80%	Descriptive = 1	14	70%
Emerging = 2	4	20%	Emerging = 2	6	30%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	85%	Descriptive = 1	15	75%
Emerging = 2	3	15%	Emerging = 2	5	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	20	100%	Descriptive = 1	19	95%
Emerging = 2	0	0%	Emerging = 2	1	5%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	18	90%			
Emerging = 2	2	10%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

HOLLEY NAVARRE INTERMEDIATE SCHOOL (N= 20 observations): Spring 2016 Year1

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	Descriptive = 1	0	0%
Emerging = $2$	7	70%	Emerging = $2$	7	70%
Developing = $3$	1	10%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	1	10%
Accomplished = $4$	2	20%	Accomplished = $4$	2	20%
TOTAL	10	100%	TOTAL	$\frac{2}{10}$	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	2	20%	Descriptive = 1	0	0%
Emerging = $2$	6	60%	Emerging = $2$	8	80%
Developing = $3$	0	0%	Developing $= 3$	0	0%
Accomplished = $4$	2	20%	Accomplished = 4	2	20%
TOTAL	10	100%	TOTAL	10	100%
TOTAL	10	10070	TOTAL	10	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	8	80%	Emerging = 2	7	70%
Developing = 3	0	0%	Developing = 3	1	10%
Accomplished $= 4$	2	20%	Accomplished $= 4$	2	20%
TOTAL	10	100%	TOTAL	10	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	80%	Descriptive = 1	8	80%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	2	20%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	2	20%
TOTAL	10	100%	TOTAL	10	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	7	70%			
Developing = 3	1	10%			
Accomplished = 4	2	20%			
TOTAL	10	100%			

HOLLEY NAVARRE INTERMEDIATE SCHOOL (N= 10 observations): Spring 2017 Year2

Creative Prep Creative Inquiry f % Rating Levels f % Rating Levels Descriptive = 10 0% Descriptive = 10 0%  $\overline{\text{Emerging}} = 2$ 38% 38% Emerging = 26 6 Developing = 39 56% Developing = 39 56% Accomplished = 46% Accomplished = 46% 1 1 TOTAL 16 100% TOTAL 16 100% **Critical Thinking** Critical Thinking Integration Problem Solving Rating Levels f % Rating Levels f % Descriptive = 10% Descriptive = 112% 0 2 Emerging = 26 38% Emerging = 26 38%  $\overline{\text{Developing}} = 3$ 9 Developing = 37 56% 44% Accomplished = 41 6% Accomplished = 41 6% TOTAL 100% TOTAL 16 100% 16 **Critical Thinking** Communication Logical Thinking Data & Information f % % Rating Levels Rating Levels f Descriptive = 10 0% Descriptive = 12 13% 8 50% 8 50% Emerging = 2Emerging = 27 Developing = 344% Developing = 35 31% Accomplished = 46% Accomplished = 41 6% 1 TOTAL 16 100% TOTAL 16 100% Communication Collaboration Argumentation Team Work f % f % Rating Levels Rating Levels Descriptive = 12 12% Descriptive = 14 25% 4 Emerging = 26 38% Emerging = 225 % 7 Developing = 37 44% Developing = 344% Accomplished = 41 6% Accomplished = 46% 1 TOTAL 16 100% TOTAL 16 100% Collaboration Investigation f % **Skills Rating** Descriptive = 12 12%

Emerging = 2

Developing = 3

Accomplished = 4

TOTAL

6

7

1

16

38%

44%

6%

100%

HOLLEY NAVARRE INTERMEDIATE SCHOOL (N= 16 observations): Spring 2018 YEAR3

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	8%	Descriptive = $1$	1	8%
Emerging = 2	8	61%	Emerging = $2$	10	77%
$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	4	31%	Developing = $3$	2	15%
$\frac{1}{1} = \frac{1}{1}$		0%	Accomplished = $4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking	15	100%		13	100%
Integration			Critical Thinking Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	8%	Descriptive = $1$	1	8%
Emerging = $2$	7	54%	Emerging = $2$	5	38%
Developing = $3$	4	30%	Developing = $3$	7	54%
Accomplished = $4$	1	8%	Accomplished = $4$	0	0%
TOTAL	13	100%	Accomprished – 4	13	100%
Critical Thinking	15	100%	Communication	15	100%
Logical Thinking			Data & Information		
Rating Levels	f	%		f	%
Descriptive = 1	3	23%	Rating Levels	7	54%
A	<u> </u>		Descriptive = $1$	5	
Emerging = 2		69%	Emerging = $2$	<u> </u>	38%
Developing = 3	1	8%	Developing $= 3$		8%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation Rating Levels	C	0./	Team Work	C	0.(
	f	%	Rating Levels	f	%
Descriptive = 1	2	15%	Descriptive = 1	5	38%
Emerging = 2	8	62%	Emerging $= 2$	2	15%
Developing = 3	3	23%	Developing = 3	6	47%
Accomplished = 4	0	0%	Accomplished = $4$	0	0
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation Skills		<b>.</b> (			
Rating Levels	f	%			
Descriptive = 1	3	23%			
Emerging = 2	7	54%			
Developing = 3	3	23%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

HOLLEY NAVARRE INTERMEDIATE SCHOOL(N = 25 observations): Spring 2019 YEAR 4

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	55%	Descriptive = 1	10	50%
Emerging = 2	6	30%	Emerging = 2	7	35%
Developing = 3	2	10%	Developing = 3	2	10%
Accomplished = $4$	1	5%	Accomplished = 4	1	5%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	60%	Descriptive = 1	12	60%
Emerging $= 2$	8	40%	Emerging $= 2$	3	15%
Developing = 3	0	0%	Developing = 3	5	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	10	50%	Descriptive = 1	8	40%
Emerging = 2	9	45%	Emerging = 2	10	50%
Developing = 3	1	5%	Developing = 3	2	10%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	75%	Descriptive = 1	14	70%
Emerging = 2	4	20%	Emerging = 2	6	30%
Developing = 3	1	5%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels	4.5	<b>.</b>			
Descriptive = 1	10	50%			
Emerging = 2	8	40%			
Developing = 3	2	10%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

## HOLLEY NAVARRE PRIMARY (N= 20 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	13%
Emerging = $2$	9	56%	Emerging = 2	5	31%
$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	5	31%	$\frac{\text{Developing} - 2}{\text{Developing} - 3}$	7	43%
Accomplished = $4$	2	13%	$\frac{1}{1} \text{Accomplished} = 4$	2	4370 13%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	2	13%	Descriptive = 1	2	13%
Emerging = $2$	7	43%	Emerging = 2	8	49%
Developing = $3$	6	38%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	6	38%
Accomplished = $4$	1	6%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
TOTAL	10	10070	TOTAL	10	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive $= 1$	0	0%
Emerging = 2	9	56%	Emerging = 2	10	62%
Developing = $3$	5	31%	Developing $= 3$	6	37%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	6	38%
Emerging $= 2$	5	31%	Emerging $= 2$	8	50%
Developing = 3	3	19%	Developing = 3	1	6%
Accomplished = 4	0	0%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	475	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	11	69%			
Developing = 3	5	31%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

## HOLLEY NAVARRE PRIMARY (N= 16 observations): Spring 2017 YEAR TWO

Creative Prep Creative Inquiry f % Rating Levels f % Rating Levels Descriptive = 10 0% Descriptive = 10 0%  $\overline{\text{Emerging}} = 2$ 25% 7 44% Emerging = 24 Developing = 39 56% Developing = 35 31% Accomplished = 43 19% Accomplished = 425% 4 TOTAL 16 100% TOTAL 16 100% **Critical Thinking** Critical Thinking Integration Problem Solving % Rating Levels f % Rating Levels f Descriptive = 10% Descriptive = 16% 0 1 9 9 Emerging = 256% Emerging = 256% Developing = 35 Developing = 36 31% 38% Accomplished = 42 13% Accomplished = 40 0% TOTAL 16 100% TOTAL 16 100% **Critical Thinking** Communication Logical Thinking Data & Information f % f % Rating Levels Rating Levels Descriptive = 10 0% Descriptive = 10 0% 11 69% 69% Emerging = 2Emerging = 211 Developing = 33 19% Developing = 33 19% Accomplished = 42 12% Accomplished = 42 12% TOTAL 16 100% TOTAL 16 100% Communication Collaboration Argumentation Team Work f % f % Rating Levels Rating Levels Descriptive = 14 25% Descriptive = 16 38% 9 44% Emerging = 256% Emerging = 27 Developing = 32 13% Developing = 32 12% Accomplished = 46% Accomplished = 46% 1 1 TOTAL 16 100% TOTAL 16 100% Collaboration Investigation f % **Skills Rating** Descriptive = 16% 1 Emerging = 29 56% 5 Developing = 332% Accomplished = 41 6% TOTAL 100% 16

#### HOLLEY NAVARRE PRIMARY SCHOOL (N= 16 observations): Spring 2018 YEAR3

Creative Prep			Cupatizza In arrity		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = $1$	10	30%	Descriptive = $1$	16	49%
Emerging = 2	23	<u> </u>	1	10	<u>49%</u> 39%
			Emerging $= 2$	4	
Developing = 3	0	0%	Developing = $3$		12%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	33	100%	TOTAL	33	100%
Critical Thinking			Critical Thinking		
Integration Rating Levels	C	0.4	Problem Solving	C	0.(
-	f	%	Rating Levels	f	%
Descriptive = 1	13	39%	Descriptive = 1	16	49%
Emerging = 2	20	61%	Emerging $= 2$	17	51%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	33	100%		33	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	49%	Descriptive = 1	13	39%
Emerging = 2	17	51%	Emerging = 2	20	61%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	33	100%	TOTAL	33	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	31	94%	Descriptive = 1	27	82%
Emerging = 2	2	6%	Emerging $= 2$	6	18%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	31	100%	TOTAL	33	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	14	42%			
Emerging = 2	19	58%			
Developing = 3	0	0%			
Accomplished = $4$	0	0%			
TOTAL	31	100%			

HOLLEY NAVARRE PRIMARY SCHOOL (N -= 22 observations): Spring 2019 Year Four

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	54%	Descriptive = 1	9	69%
Emerging = $2$	4	31%	Emerging = $2$	4	31%
Developing = $3$	2	15%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	85%	Descriptive = 1	12	92%
Emerging = 2	2	15%	Emerging = 2	1	8%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	69%	Descriptive = 1	11	85%
Emerging = 2	4	31%	Emerging = 2	2	15%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	100%	Descriptive = 1	13	100%
Emerging = 2	0	0%	Emerging = 2	0	0%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation	0	0.4			
Skills Rating	f	%			
Levels	12	1000/			
Descriptive = $1$	13	100%			
Emerging = $2$	0	0%			
Developing = $3$	0	0%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

## HOBBS MIDDLE SCHOOL (N= 13 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	22	73%	Descriptive = 1	22	73%
Emerging = $2$	6	20%	Emerging $= 2$	8	27%
Developing = $3$	2	7%	Developing $= 3$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	30	100%	TOTAL	30	100%
Critical Thinking	50	10070	Critical Thinking	50	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	77%	Descriptive = 1	20	67%
Emerging $= 2$	5	16%	Emerging $= 2$	10	33%
Developing $= 3$	2	7%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	30	100%	TOTAL	30	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	21	70%	Descriptive = 1	24	80%
Emerging $= 2$	9	30%	Emerging $= 2$	6	20%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	30	100%	TOTAL	30	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	29	97%	Descriptive = 1	30	100%
Emerging = 2	1	3%	Emerging = 2	0	0%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	30	100%	TOTAL	30	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	30	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	30	100%			

# HOBBS MIDDLE SCHOOL (N= 30 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	55%	Descriptive = 1	6	55%
Emerging = 2	5	45%	Emerging $= 2$	5	45%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	11	100%	TOTAL	11	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	64%	Descriptive = 1	6	55%
Emerging = 2	4	36%	Emerging = 2	5	45%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	11	100%	TOTAL	11	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	55%	Descriptive = 1	9	82%
Emerging = 2	5	45%	Emerging = 2	2	18%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	11	100%	TOTAL	11	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	100%	Descriptive = 1	10	91%
Emerging $= 2$	0	0%	Emerging $= 2$	1	9%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	11	100%	TOTAL	11	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Descriptive = 1	9	82%			
Emerging = 2	2	18%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	11	100%			

## HOBBS MIDDLE SCHOOL (N= 11 observations): Spring 2018 YEAR3

### HOBBS MIDDLE SCHOOL (N = 13 OBSERVATIONS): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = $1$	1	8%
Emerging = 2	1	8%	Emerging $= 2$	4	31%
Developing = 3	12	92%	Developing = $3$	8	61%
Accomplished = 4	0	0%	Accomplished = $4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	7	54%
Emerging = 2	6	46%	Emerging $= 2$	5	38%
Developing = 3	7	54%	Developing = 3	1	8%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	•	13	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	8%	Descriptive = 1	1	8%
Emerging = 2	7	54%	Emerging $= 2$	8	61%
Developing = 3	5	38%	Developing = 3	4	31%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	15%	Descriptive = 1	8	62%
Emerging = 2	8	62%	Emerging $= 2$	3	23%
Developing = 3	3	23%	Developing = 3	2	15%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	8	62%			
Emerging = 2	3	23%			
Developing = 3	2	15%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	16	62%	Descriptive = 1	16	62%
Emerging = $2$	4	15%	Emerging = $2$	2	8%
Developing = $3$	4	15%	Developing = $3$	8	31%
Accomplished $= 4$	2	8%	Accomplished = $4$	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	62%	Descriptive = 1	0	%
Emerging $= 2$	2	8%	Emerging $= 2$	6	23%
Developing = $3$	6	22%	Developing $= 3$	18	69%
Accomplished $= 4$	2	8%	Accomplished = $4$	2	8%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	8	31%	Emerging = 2	10	38%
Developing = 3	18	69%	Developing = 3	16	62%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	8	31%	Emerging = 2	10	38%
Developing = 3	18	69%	Developing = 3	14	54%
Accomplished = 4	0	0%	Accomplished = 4	2	8%
TOTAL	26	100%	TOTAL	26	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels	C C	0.0.1			
Descriptive = $1$	0	0%			
Emerging = $2$	4	15%			
Developing = 3	22	85%			
Accomplished = $4$	0	0%			
TOTAL	26	100%			

## JAY ELEMENTARY SCHOOL (N = 26 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	Descriptive = 1	0	0%
Emerging = 2	14	88%	Emerging = 2	16	100%
$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	2	12%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	$\frac{1}{10000000000000000000000000000000000$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	0	0%	Descriptive = 1	2	12%
Emerging = $2$	16	100%	Emerging = 2	14	88%
Developing = $3$	0	0%	$\frac{1}{1} \frac{1}{1} \frac{1}$	0	0%
Accomplished = $4$	0	0%	$\frac{1}{10000000000000000000000000000000000$	0	0%
TOTAL	16	100%	TOTAL	16	100%
IOIAL	10	10070	IOIAL	10	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	2	12%
Emerging = 2	10	63%	Emerging $= 2$	12	75%
Developing = $3$	4	25%	Developing = $3$	2	12%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	50%	Descriptive = 1	2	12%
Emerging = 2	8	50%	Emerging = 2	14	88%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	2	12%			
Emerging = 2	14	88%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

## JAY ELEMENTARY SCHOOL (N = 16 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive $= 1$	0	0%	Descriptive = 1	0	0%
Emerging $= 2$	1	6%	Emerging = 2	6	38%
Developing = 3	9	56%	Developing = 3	8	50%
Accomplished = $4$	6	38%	Accomplished = 4	2	12%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	7	44%	Emerging $= 2$	8	50%
Developing = 3	8	50%	Developing = 3	7	44%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging $= 2$	5	31%	Emerging $= 2$	5	31%
Developing = 3	7	44%	Developing = 3	6	38%
Accomplished $= 4$	4	25%	Accomplished = 4	5	31%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	38%	Emerging = 2	0	0%
Developing = 3	9	56%	Developing = 3	6	38%
Accomplished $= 4$	1	6%	Accomplished = 4	10	62%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Descriptive = 1	0	0%			
Emerging = 2	3	19%			
Developing = 3	7	44%			
Accomplished = 4	6	37%			
TOTAL	16	100%			

## JAY ELEMENTARY SCHOOL (N= 16 observations): Spring 2018 YEAR THREE

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         4         29%         Emerging = 2         4         29%           Developing = 3         10         71%         Developing = 3         10         71%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         14         100%         TOTAL         14         100%           Critical Thinking Integration         70%         Descriptive = 1         0         0%           Emerging = 2         3         21%         Emerging = 2         4         29%           Developing = 3         11         79%         Developing = 3         10         71%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Developing = 3         11         79%         Developing = 3         10         71%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Emerging = 2         4         29%         Emerging = 2 <th>Creative Prep</th> <th></th> <th></th> <th></th> <th>Creative In arises</th> <th></th> <th></th>	Creative Prep				Creative In arises		
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Rating Levels         f $\%$ Image: Constraint of the state of the st	Collaboration						
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Developing = 3         3         21%         6         6         6           Accomplished = 4         0         0%         6         <	-						
Accomplished = 4 $0$ $0\%$				$\vdash$			
	10			-			
	TOTAL	14	100%	$\vdash$			

## JAY ELEMENTARY SCHOOL ( N = 14 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	50%	Descriptive = 1	7	88%
Emerging = $2$	4	50%	Emerging = 2	1	12%
Developing = $3$	0	0%	$\frac{1}{1} Developing = 3$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	8	100%	TOTAL	8	100%
Critical Thinking	0	10070	Critical Thinking	0	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	7	88%	Descriptive = 1	5	63%
Emerging = $2$	1	12%	Emerging = $2$	3	37%
Developing = $3$	0	0%	$\frac{1}{\text{Developing}} = 3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	8	100%	TOTAL	8	100%
10 IIIL	0	10070	TOTAL	0	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	63%	Descriptive = 1	4	50%
Emerging $= 2$	3	37%	Emerging $= 2$	4	50%
Developing $= 3$	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	8	100%	TOTAL	8	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	96%	Descriptive = 1	7	88%
Emerging = 2	0	4%	Emerging = 2	1	12%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	8	100%	TOTAL	8	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	8	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	8	100%			

### JAY HIGH SCHOOL (N = 8 observations): Spring 2016 (YEAR ONE)

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	46%	Descriptive = 1	13	54%
Emerging = $2$	13	54%	Emerging = $2$	9	38%
Developing = $3$	0	0%	Developing $= 3$	2	8%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking	21	10070	Critical Thinking	21	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	50%	Descriptive = 1	16	67%
Emerging $= 2$	11	46%	Emerging = 2	8	33%
Developing = 3	1	4%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	63%	Descriptive = 1	16	67%
Emerging $= 2$	9	37%	Emerging $= 2$	8	33%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	24	100%	TOTAL	24	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	96%	Descriptive = 1	22	92%
Emerging = 2	1	4%	Emerging = 2	2	8%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	19	79%			
Emerging = 2	5	21%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

### JAY HIGH SCHOOL (N = 24 observations): Spring 2017 (YEAR TWO)

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         7         29%           Emerging = 2         9         37%         Emerging = 2         9         38%           Developing = 3         4         17%         Developing = 3         8         33%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Critical Thinking         Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         10         42%         Descriptive = 1         11         46%           Emerging = 2         6         25%         Emerging = 2         11         46%           Developing = 3         8         33%         Developing = 3         2         8%           Accomplished = 4         0         0%         TOTAL         24         100%         TOTAL         24         100%           Critical Thinking         Communication         Data & Information         Rating Levels         f         %	Creative Prep			Creative Inquiry		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	-	f	%		f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		11	46%		7	29%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Emerging = 2	9	37%	Emerging = 2	9	38%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		4	17%		8	33%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Integration         Problem Solving Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         10         42%         Descriptive = 1         11         46%           Emerging = 2         6         25%         Emerging = 2         11         46%           Developing = 3         8         33%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Critical Thinking Logical Thinking         Communication Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Emerging = 2         9         38%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Collaboration         TOTAL         24         100%           Communication         Communication         Collaboration         Team W		-		*	-	
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         10         42%         Descriptive = 1         11         46%           Emerging = 2         6         25%         Emerging = 2         11         46%           Developing = 3         8         33%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Critical Thinking         Communication         Data & Information         Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Emerging = 2         9         38%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Communication         Collaboration         Team Wor	Critical Thinking			Critical Thinking		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				<u> </u>		
Emerging = 2         6         25%         Emerging = 2         11         46%           Developing = 3         8         33%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Descriptive = 1         13         54%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Communication         Collaboration         Team Work         Mating Levels         f         %           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3	Rating Levels	f	%	Rating Levels	f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	<u> </u>	10				
Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Communication Data & Information Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Emerging = 2         9         38%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3         12%         Emerging = 2         1         4%           Developing = 3         0         0%         Accomplished = 4         0         0%           Combishe						
TOTAL         24         100%         TOTAL         24         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Communication Data & Information Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Emerging = 2         9         38%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3         12%         Emerging = 2         1         4%           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3         12%         Emerging = 2         1         4%           Developing = 3         0         0%         Accomplished = 4         0         0%           <						
Critical Thinking Logical Thinking Rating LevelsCommunication Data & Information Rating Levels $f$ %Descriptive = 11146%Descriptive = 11354%Emerging = 21146%Emerging = 2938%Developing = 328%Developing = 328%Accomplished = 400%Accomplished = 400%TOTAL24100%TOTAL24100%Communication Argumentation Rating Levelsf%Rating LevelsfModel%Rating Levelsf%Descriptive = 12188%Descriptive = 12396%Emerging = 2312%Emerging = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Collaboration TOTAL24100%TOTAL24100%Collaboration TOTAL24100%Developing = 300%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Ratingf%MMDescriptive = 11875%Emerging = 2417%Developing = 328%Accomplished = 400%Collaboration Investigation Skills Ratingf%MAccomplished = 4Developing = 328%Accomplished =	Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 11146%Descriptive = 11354%Emerging = 21146%Emerging = 2938%Developing = 328%Developing = 328%Accomplished = 400%Accomplished = 400%TOTAL24100%TOTAL24100%Communication Argumentation Bescriptive = 12188%Descriptive = 123Developing = 300%Developing = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Rating1875%Image: Collaboration TOTAL100%Descriptive = 11875%Image: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALDeveloping = 328%Image: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration 	TOTAL	24	100%	TOTAL	24	100%
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 11146%Descriptive = 11354%Emerging = 21146%Emerging = 2938%Developing = 328%Developing = 328%Accomplished = 400%Accomplished = 400%TOTAL24100%TOTAL24100%Communication Argumentation Bescriptive = 12188%Descriptive = 123Developing = 300%Developing = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Rating1875%Image: Collaboration TOTAL100%Descriptive = 11875%Image: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALDeveloping = 328%Image: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALDeveloping = 328%Image: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTALImage: Collaboration TOTAL						
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         11         46%         Descriptive = 1         13         54%           Emerging = 2         11         46%         Emerging = 2         9         38%           Developing = 3         2         8%         Developing = 3         2         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Communication         Collaboration         Team Work         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3         12%         Emerging = 2         1         4%           Developing = 3         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Collaboration         Investigation         Skills Rating<						
Descriptive = 1       11       46%       Descriptive = 1       13       54%         Emerging = 2       11       46%       Emerging = 2       9       38%         Developing = 3       2       8%       Developing = 3       2       8%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Communication       Collaboration       Team Work       Rating Levels       f       %         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       21       88%       Descriptive = 1       23       96%         Emerging = 2       3       12%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Collaboration       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation	6					<b>.</b>
Emerging = 2       11       46%       Emerging = 2       9       38%         Developing = 3       2       8%       Developing = 3       2       8%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Communication       Collaboration       Team Work       Rating Levels       f       %         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       21       88%       Descriptive = 1       23       96%         Emerging = 2       3       12%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Collaboration       Investigation       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation       Investigation       <						
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Descriptive = 1	11	46%		13	54%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Communication       Collaboration       Team Work       Team Work       Rating Levels       f       %         Rating Levels       f       %       Rating Levels       f       %       Pescriptive = 1       23       96%         Emerging = 2       3       12%       Emerging = 2       1       4%         Developing = 3       0       0%       Accomplished = 4       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Collaboration       Investigation       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation <t< td=""><td>Emerging = 2</td><td></td><td>46%</td><td>Emerging <math>= 2</math></td><td></td><td>38%</td></t<>	Emerging = 2		46%	Emerging $= 2$		38%
TOTAL24100%TOTAL24100%Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 12188%Descriptive = 12396%Emerging = 2312%Emerging = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Ratingf%100%Descriptive = 11875%100%100%Developing = 328%100%100%Developing = 328%100%100%Developing = 400%100%100%Collaboration Investigation Skills Rating1875%100%Developing = 328%100%100%Developing = 328%100%100%Accomplished = 400%10%100%Developing = 328%100%100%Accomplished = 400%10%10%Developing = 328%10%10%Developing = 400%10%10%Developing = 328%10%Developing = 400%10%Developing = 400%10%Developing = 400%10%Developing = 400%10% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 12188%Descriptive = 12396%Emerging = 2312%Emerging = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL24100%TOTAL24100%Collaboration Investigation Skills Ratingf%Developing = 32417%Developing = 328%Developing = 328%Accomplished = 400%						
Argumentation Rating Levelsf%Team Work Rating Levelsf%Descriptive = 12188%Descriptive = 12396%Emerging = 2312%Emerging = 214%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL24100%TOTAL24100%Collaboration Investigation Skills Ratingf%Descriptive = 11875%Emerging = 2417% </td <td></td> <td>24</td> <td>100%</td> <td></td> <td>24</td> <td>100%</td>		24	100%		24	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         88%         Descriptive = 1         23         96%           Emerging = 2         3         12%         Emerging = 2         1         4%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         24         100%         TOTAL         24         100%           Collaboration         Investigation         Investion </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Descriptive = 1       21       88%       Descriptive = 1       23       96%         Emerging = 2       3       12%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Collaboration	<u> </u>	2			2	
Emerging = 2       3       12%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Collaboration       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation         Descriptive = 1       18       75%       Investigation       Investigation       Investigation         Developing = 3       2       8%       Investigation       Investigation       Investigation       Investigation         Accomplished = 4       0       0%       Investigation       Investigation       Investigation       Investigation       Investigation         Benerging = 2       4       17%       Investigation       Investin       Investin       I				U U		
Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Collaboration       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation         Descriptive = 1       18       75%       Investigation       Investigation       Investigation         Developing = 2       4       17%       Investigation       Investigation       Investigation         Accomplished = 4       0       0%       Investigation       Investigation       Investigation         Investigation       Investigation       Investigation       Investigation       Investigation       Investigation         Investigation       Investigation       Investigation       Investigation       Investigation       Investigation         Investigation       Investigation       Investigation       Investigation       Investigation         Investigation       Investigation       Investigation       Investigation       Investigation         Investiga						
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       24       100%       TOTAL       24       100%         Collaboration       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation         Descriptive = 1       18       75%       Investigation       Investigation       Investigation         Developing = 2       4       17%       Investigation       Investigation       Investigation         Accomplished = 4       0       0%       Investigation       Investigation       Investigation						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	* *					
	· · · · · · · · · · · · · · · · · · ·					
		24	100%	TOTAL	24	100%
Skills Rating         f         %           Descriptive = 1         18         75%           Emerging = 2         4         17%           Developing = 3         2         8%           Accomplished = 4         0         0%						
Descriptive = 1       18       75%         Emerging = 2       4       17%         Developing = 3       2       8%         Accomplished = 4       0       0%	<u> </u>	f	0/-			
Emerging = 2       4 $17\%$ $17\%$ Developing = 3       2       8% $17\%$ Accomplished = 4       0       0% $17\%$						
Developing = 3         2         8%         4           Accomplished = 4         0         0%         0%						
Accomplished = $4$ 0 0%						
	TOTAL	24	100%			

## JAY HIGH SCHOOL (N= 24 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = $2$	5	36%	Emerging = 2	6	43%
Developing = $3$	9	64%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	8	57%
Accomplished = 4	<u> </u>	04/0	$\frac{1}{10000000000000000000000000000000000$	0	0%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking	14	100%		14	100%
Integration			Critical Thinking		
Rating Levels	f	%	Problem Solving	f	%
Descriptive = 1	0	0%	Rating LevelsDescriptive = 1	1	7%
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$	5			2	
		36%	Emerging = 2		14%
Developing = $3$	0	0%	Developing = 3	11	79%
Accomplished = 4	9	64%	Accomplished = 4	0	0%
TOTAL	14	100%		14	100%
Critical Thinking Logical Thinking			Communication		
Rating Levels	C	0./	Data & Information	C	0.4
-	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0
Emerging = 2	6	43%	Emerging = 2	5	36%
Developing = 3	8	57%	Developing = 3	9	64%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	7%	Descriptive = 1	1	7%
Emerging = 2	10	72%	Emerging = 2	7	50%
Developing = 3	3	21%	Developing = 3	6	43%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	8	57%			
Developing = 3	6	43%			
Accomplished = $4$	0	0%			
TOTAL	14	100%			

# JAY HIGH SCHOOL (N = 14 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	9	56%	Descriptive $= 1$	12	75%
Emerging $= 2$	7	44%	Emerging $= 2$	4	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	69%	Descriptive = 1	12	75%
Emerging = 2	5	31%	Emerging $= 2$	4	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	75%	Descriptive = 1	12	75%
Emerging = 2	4	25%	Emerging = 2	4	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	100%	Descriptive = 1	15	94%
Emerging = 2	0	0%	Emerging = 2	1	6%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels		-			
Descriptive = 1	15	94%			
Emerging = 2	1	6%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

## KING MIDDLE SCHOOL (N = 16 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	20	46%	$Descriptive = 1 \qquad 20 \qquad 47\%$
Emerging = 2	23	54%	Emerging = 2  17  39%
Developing = 3	0	0%	Developing = $3$ 6 14%
Accomplished = $4$	0	0%	Accomplished = $4$ 0 0%
TOTAL	43	100%	TOTAL 43 100%
Critical Thinking			Critical Thinking
Integration			Problem Solving
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	24	56%	Descriptive = 1 24 56%
Emerging $= 2$	15	35%	Emerging = 2 17 39%
Developing = 3	4	9%	Developing = $3$ 2 5%
Accomplished = 4	0	0%	Accomplished = $4$ 0 0%
TOTAL	43	100%	TOTAL 43 100%
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levelsf%
Descriptive = 1	24	56%	Descriptive = 1 21 49%
Emerging = 2	19	44%	Emerging = 2 21 49%
Developing = 3	0	0%	Developing = $3$ 1 2%
Accomplished $= 4$	0	0%	Accomplished = $4$ 0 0%
TOTAL	43	100%	TOTAL 43 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levelsf%
Descriptive = 1	38	88%	Descriptive = 1 43 100%
Emerging = 2	5	12%	Emerging = 20 $0\%$
Developing = 3	0	6%	Developing = $3$ 0 0%
Accomplished = 4	0	0%	Accomplished = 40 $0\%$
TOTAL	43	100%	TOTAL 43 100%
Collaboration			
Investigation			
Skills Rating	f	%	
Levels			
Descriptive = 1	31	72%	
Emerging = 2	11	26%	
Developing = 3	1	2%	
Accomplished = 4	0	0%	
TOTAL	43	100%	

KING MIDDLE SCHOOL (N = 43 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	71%	Descriptive = 1	15	63%
Emerging = 2	7	29%	Emerging = 2	7	29%
Developing = 3	0	0%	Developing = 3	2	8%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	79%	Descriptive = 1	18	75%
Emerging = 2	3	13%	Emerging = 2	6	25%
Developing = 3	2	8%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Communication		
Logical Thinking	-		Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	71%	Descriptive = 1	19	79%
Emerging = 2	7	29%	Emerging = 2	5	21%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	22	92%	Descriptive = 1	21	88%
Emerging = 2	2	8%	Emerging = 2	3	12%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Collaboration					
Investigation	0	0.4			
Skills Rating	f 22	%			
Descriptive = 1	22	92%			
Emerging = 2	2	8%			
$\frac{\text{Developing} = 3}{1 + 1 + 4}$	0	0%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

## KING MIDDLE SCHOOL (N= 24 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	2	9%	Emerging = 2	6	27%
$\frac{\text{Energing} - 2}{\text{Developing} = 3}$	$\frac{2}{20}$	<u>9%</u> 91%		16	73%
$\frac{\text{Developing} - 3}{\text{Accomplished} = 4}$		0%	Developing = 3	0	0%
TOTAL	0		Accomplished $= 4$		-
	22	100%	TOTAL	22	100%
Critical Thinking Integration			Critical Thinking		
Rating Levels	£	%	Problem Solving	c	0/
- C	f 0		Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0
Emerging = $2$	5	23%	Emerging $= 2$	2	9%
Developing = 3	17	77%	Developing = 3	20	91%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%		22	100%
Critical Thinking			Communication		
Logical Thinking		<b>a</b> (	Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	3	14%	Emerging $= 2$	2	9%
Developing = 3	19	86%	Developing = 3	20	91%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	9%
Emerging = 2	18	82%	Emerging = 2	10	46
Developing = 3	4	18%	Developing = 3	8	36%
Accomplished = 4	0	0%	Accomplished $= 4$	2	9%
TOTAL	22	100%	TOTAL	22	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	2	9%			
Emerging = 2	9	41%			
Developing = 3	9	41%			
Accomplished = $4$	2	9%			
TOTAL	22	100%			

# KING MIDDLE SCHOOL (N = 22 observations) : Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	60%	Descriptive = 1	13	65%
Emerging = $2$	6	30%	Emerging = $2$	4	20%
Developing = $3$	2	10%	Developing $= 3$	3	15%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking	20	10070	Critical Thinking	20	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	70%	Descriptive = 1	13	65%
Emerging = 2	4	20%	Emerging = 2	4	20%
Developing = 3	2	10%	Developing = 3	3	15%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	60%	Descriptive = 1	13	65%
Emerging = 2	6	30%	Emerging = 2	4	20%
Developing = 3	2	10%	Developing = 3	3	15%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	85%	Descriptive = 1	17	85%
Emerging = 2	1	5%	Emerging = 2	3	15 %
Developing = 3	2	10%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation	2	0.4			
Skills Rating	f	%			
Levels	10	(00)/			
Descriptive = $1$	12	60%			
Emerging = $2$	6	30%			
Developing = $3$	2	10%			
Accomplished = $4$	0	0%			
TOTAL	20	100%			

ORIOLE BEACH ELEMENTARY SCHOOL (N = 20 observations): Spring 2016 YEAR ONE

Creating Draw				
Creative Prep	07	Creative Inquiry	C	07
Rating Levelsf	%	Rating Levels	f	%
$\frac{\text{Descriptive} = 1}{12}$	0%	Descriptive = 1	3	22%
$Emerging = 2 \qquad 12$	86%	Emerging = $2$	9	64%
Developing = 3 2	14%	Developing = 3	2	14%
Accomplished = 4 0	0%	Accomplished = 4	0	0%
TOTAL 14	100%	TOTAL	14	100%
Critical Thinking		Critical Thinking		
Integration		Problem Solving		
Rating Levels f	%	Rating Levels	f	%
Descriptive = 1 1	7%	Descriptive = 1	3	21%
Emerging = 2 9	64%	Emerging = 2	7	50%
Developing = 3 4	29%	Developing = 3	4	29%
Accomplished = 4 0	0%	Accomplished = 4	0	0%
TOTAL 14	100%	TOTAL	14	100%
Critical Thinking		Communication		
Logical Thinking		Data & Information		
Rating Levels f	%	Rating Levels	f	%
Descriptive = 1 3	21%	Descriptive = 1	1	7%
Emerging = 2 11	79%	Emerging $= 2$	11	79%
Developing = $3$ 0	0%	Developing = 3	2	14%
Accomplished = $4$ 0	0%	Accomplished = 4	0	0%
TOTAL 14	100%	TOTAL	14	100%
Communication		Collaboration		
Argumentation		Team Work		
Rating Levels f	%	Rating Levels	f	%
Descriptive = 1 4	29%	Descriptive = 1	10	71%
Emerging = 2 8	57%	Emerging = 2	4	29 %
Developing = 3 2	14%	Developing = 3	0	0%
Accomplished = 4 0	0%	Accomplished = 4	0	0%
TOTAL 14	100%	TOTAL	14	100%
Collaboration				
Investigation				
Skills Rating f	%			
Levels				
Descriptive = 1 1	7%			
Emerging = 2 12	86%			
Developing = $3$ 1	7%			
Accomplished = 4 0	0%			
TOTAL 14	100%			

ORIOLE BEACH ELEMENTARY SCHOOL (N = 14 observations): Spring 2017 YEAR TWO

ORIOLE BEACH ELEMENTARY SCHOOL (N= 16 observations): Spring 2018 YEAR3

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	12%
Emerging = 2	8	50%	Emerging = 2	10	64%
Developing = 3	6	38%	Developing = 3	2	12%
Accomplished $= 4$	2	12%	Accomplished = 4	2	12%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	2	12%
Emerging = 2	8	51%	Emerging = 2	10	64%
Developing = 3	4	25%	Developing = 3	2	12%
Accomplished = 4	2	12%	Accomplished = 4	2	12%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	12%
Emerging = 2	12	75%	Emerging = 2	10	63%
Developing = 3	4	25%	Developing = 3	4	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	10	63%
Emerging = 2	10	63%	Emerging = 2	4	25%
Developing = 3	4	25%	Developing = 3	2	12%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation	_				
Skills Rating	f	%			
Descriptive = 1	2	12%			
Emerging = 2	12	76%			
Developing = 3	2	12%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

Creative Prep			Creative In quiny		
Rating Levels	f	%	Creative Inquiry	f	%
Descriptive = 1	9	45%	Rating Levels Descriptive = 1	8	40%
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$	<u> </u>	<u>43%</u> 55%		<u> </u>	
			Emerging = $2$	<u> </u>	45%
Developing = 3	0	0%	Developing = 3		15%
Accomplished = 4	0	0%	Accomplished = $4$	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking			Critical Thinking		
Integration Rating Levels	C	0.(	Problem Solving	C	0.4
e	f	%	Rating Levels	f	%
Descriptive = 1	7	35%	Descriptive = 1	13	65%
Emerging = 2	12	60%	Emerging $= 2$	7	35%
Developing = 3	1	5%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%		20	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	35%	Descriptive = 1	8	40%
Emerging = 2	13	65%	Emerging = 2	12	60%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	95%	Descriptive = 1	12	60%
Emerging = 2	1	5%	Emerging $= 2$	8	40%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	9	45%			
Emerging = 2	9	45%			
Developing = 3	2	10%			
Accomplished = $4$	0	0%			
TOTAL	20	100%			

ORIOLE BEACH ELEMENTARY SCHOOL (N = 20 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	16	62%	Descriptive = 1	16	62%
Emerging = $2$	10	38%	Emerging = $2$	9	36%
Developing = $3$	0	0%	$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	1	4%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	58%	Descriptive = 1	16	61%
Emerging $= 2$	10	38%	Emerging = 2	8	31%
Developing = $3$	1	4%	Developing = 3	2	8%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	54%	Descriptive = 1	16	61%
Emerging = 2	8	31%	Emerging $= 2$	8	31%
Developing = 3	4	15%	Developing $= 3$	2	8%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	20	77%	Descriptive = 1	16	62%
Emerging = 2	6	23%	Emerging = 2	7	27%
Developing = 3	0	0%	Developing = 3	3	11%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels	4-				
Descriptive = 1	17	65%			
Emerging = 2	8	31%			
Developing = 3	1	4%			
Accomplished = $4$	0	0%			
TOTAL	26	100%			

PEA RIDGE ELEMENTARY SCHOOL (N = 26 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	27%	Descriptive $= 1$	3	20%
Emerging $= 2$	11	73%	Emerging $= 2$	11	73%
Developing $= 3$	0	0%	Developing $= 3$	1	7%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	40%	Descriptive = 1	6	40%
Emerging = 2	7	47%	Emerging $= 2$	9	60%
Developing = 3	2	13%	Developing = $3$	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	44%	Descriptive = 1	5	33%
Emerging = 2	8	50%	Emerging = 2	9	60%
Developing = 3	0	5%	Developing = 3	1	7%
Accomplished $= 4$	0	1%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	93%	Descriptive = 1	14	93%
Emerging = 2	1	7%	Emerging $= 2$	0	7%
Developing = 3	0	0%	Developing = 3	1	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels	6	<b>F</b> 40 (			
Descriptive = 1	8	54%			
Emerging = $2$	5	33%			
Developing = 3	2	13%			
Accomplished = $4$	0	0%			
TOTAL	15	100%			

## PEA RIDGE ELEMENTARY SCHOOL (N = 15 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	40%	Descriptive = 1	9	60%
Emerging = 2	9	60%	Emerging = 2	5	33%
Developing = 3	0	0%	Developing = 3	1	7%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	47%	Descriptive = 1	9	60%
Emerging = 2	6	40%	Emerging = 2	6	40%
Developing = 3	2	13%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	53%	Descriptive = 1	9	60%
Emerging = 2	7	47%	Emerging $= 2$	5	33%
Developing = $3$	0	0%	Developing = 3	1	7%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	100%	Descriptive = 1	14	93%
Emerging $= 2$	0	0%	Emerging $= 2$	1	7%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Descriptive = 1	9	60%			
Emerging = 2	4	27%			
Developing = 3	2	13%			
Accomplished = $4$	0	0%			
TOTAL	15	100%			

PEA RIDGE ELEMENTARY SCHOOL (N= 15 observations): Spring 2018 YEAR THREE

Creative Prep			Cupatizza In arring		
Rating Levels	f	%	Creative Inquiry	f	%
Descriptive = 1	2	8%	Rating Levels	1	<del>70</del> 4%
-			Descriptive = $1$	10	
Emerging = 2	21	84%	Emerging $= 2$	19	76%
Developing = 3	2	8%	Developing = 3	5	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	25	100%	TOTAL	25	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	8%	Descriptive = 1	7	28%
Emerging = 2	20	80%	Emerging $= 2$	15	60%
Developing = 3	3	12%	Developing = 3	3	12%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	25	100%		25	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	20%	Descriptive = 1	5	20%
Emerging = 2	16	64%	Emerging = 2	17	68%
Developing = 3	4	16%	Developing = 3	3	12%
Accomplished = 4	0	0%	Accomplished = $4$	0	0%
TOTAL	25	100%	TOTAL	25	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	22	88%	Descriptive = 1	17	68%
Emerging = 2	3	12%	Emerging $= 2$	8	32%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	25	100%	TOTAL	25	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	8	32%			
Emerging = 2	12	48%			
Developing = 3	5	20%			
Accomplished = 4	0	0%			
TOTAL	25	100%			

PEA RIDGE ELEMENTARY SCHOOL (N= 25 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	19	90%	Descriptive = 1	20	95%
Emerging $= 2$	2	10%	Emerging = 2	1	5%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	91%	Descriptive = 1	15	71%
Emerging = 2	2	9%	Emerging = 2	6	29%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	71%	Descriptive = 1	11	52%
Emerging = 2	6	29%	Emerging = 2	10	48%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	91%	Descriptive = 1	19	91%
Emerging = 2	2	9%	Emerging = 2	2	9%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	21	100%	TOTAL	21	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	19	91%			
Emerging = 2	2	9%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	21	100%			

## RHODES ELEMENTARY SCHOOL (N = 21 observations): Spring 2016 YEAR ONE

Creative Dron			Creative In quiny		
Creative Prep	f	%	Creative Inquiry	r	%
Rating Levels	3		Rating Levels	<u>f</u> 3	
Descriptive = $1$	-	23%	$\frac{\text{Descriptive} = 1}{1}$	-	23%
Emerging = $2$	10	77%	Emerging = $2$	10	77%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Critical Thinking		
Integration		<i></i>	Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	23%	Descriptive = 1	5	38%
Emerging = 2	9	69%	Emerging $= 2$	8	62%
Developing = 3	1	8%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	7	44%	Descriptive = 1	2	15%
Emerging = 2	6	50%	Emerging = 2	<u> </u>	85%
	0	5%		0	0%
$\frac{\text{Developing} = 3}{\text{Assumplished} = 4}$	0	1%	Developing = 3	0	0%
Accomplished = $4$			Accomplished = 4		
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation	C	07	Team Work	C	0/
Rating Levels	f 12	%	Rating Levels	<u>f</u>	<u>%</u>
Descriptive = $1$	12	92%	Descriptive = 1	11	85%
Emerging = $2$	1	28%	Emerging = $2$	2	15%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation	2				
Skills Rating	f	%			
Levels					
Descriptive = 1	3	23%			
Emerging = 2	9	69%			
Developing = 3	1	8%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

## RHODES ELEMENTARY SCHOOL (N = 13 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	6	37%	Descriptive = 1	4	25%
Emerging = 2	10	63%	Emerging = 2	11	69%
Developing = 3	0	0%	Developing = 3	1	6%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	44%	Descriptive = 1	7	44%
Emerging $= 2$	9	56%	Emerging = 2	9	56%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	10	63%	Descriptive = 1	6	37%
Emerging = 2	6	37%	Emerging = 2	10	63%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	14	88%	Descriptive = 1	13	81%
Emerging $= 2$	2	12%	Emerging = 2	3	19%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Descriptive = 1	7	44%			
Emerging = 2	9	56%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

RHODES ELEMENTARY SCHOOL (N= 16 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	37%	Descriptive = 1	9	37%
Emerging = 2	15	63%	Emerging = 2	15	63%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	37%	Descriptive = 1	12	50%
Emerging = 2	15	63%	Emerging = 2	11	46%
Developing = 3	0	0%	Developing = 3	1	4%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%		24	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	10	42%	Descriptive = 1	7	29%
Emerging = 2	13	54%	Emerging = 2	17	71%
Developing = 3	1	4%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%23
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	96%	Descriptive = 1	23	96%
Emerging = 2	1	4%	Emerging = 2	1	4%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	24	100%	TOTAL	24	100%
Collaboration					
Investigation Skills Rating Levels	2	0.4			
Descriptive = 1	f 12	<u>%</u> 50%			
Emerging = $2$					
	11	46%			
Developing = $3$	1	4%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

# RHODES ELEMENTARY SCHOOL (N = 24 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	16	61%	Descriptive = $1$	18	69%
Emerging = $2$	8	31%	Emerging = $2$	8	31%
Developing = $3$	2	8%	Developing = $3$	0	0%
Accomplished = $4$	0	0%	Accomplished = $4$	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking		10070	Critical Thinking		10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	73%	Descriptive = 1	16	61%
Emerging $= 2$	7	27%	Emerging $= 2$	10	39%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = $4$	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	20	77%	Descriptive = 1	16	62%
Emerging = 2	6	23%	Emerging = 2	10	38%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	26	100%	Descriptive = 1	21	81%
Emerging = 2	0	0%	Emerging = 2	4	15%
Developing = 3	0	0%	Developing = 3	1	4%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Collaboration					
Investigation	2				
Skills Rating	f	%			
Levels	1.5	<b>F</b> 00/			
Descriptive = $1$	15	58%			
Emerging = $2$	11	42%			
$\frac{\text{Developing} = 3}{111111111111111111111111111111111111$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	26	100%			

BENNY RUSSELL ELEMENTARY SCHOOL (N = 26 observations): Spring 2016 YEAR 1

Creative Prep	C	07	Creative Inquiry	C	07
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	22%	Descriptive = 1	6	33%
Emerging = 2	14	78%	Emerging $= 2$	11	61%
Developing = 3	0	0%	Developing = 3	1	6%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	44%	Descriptive = 1	12	67%
Emerging = 2	9	50%	Emerging = 2	6	33%
Developing = 3	1	6%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	61%	Descriptive = 1	9	50%
Emerging = 2	7	39%	Emerging $= 2$	9	50%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	18	100%	TOTAL	18	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	18	100%	Descriptive = 1	16	89%
Emerging = 2	0	0%	Emerging $= 2$	2	11%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	10	56%			
Emerging $= 2$	8	44%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

## BENNY RUSSELL ELEMENTARY SCHOOL (N = 18 observations): Spring 2017 YEAR 2

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         2         17%           Emerging = 2         11         92%         Emerging = 2         4         33%           Developing = 3         1         8%         Developing = 3         6         50%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Critical Thinking Integration         Emerging = 2         11         92%         Emerging = 2         11         92%           Descriptive = 1         0         0%         Descriptive = 1         1         8%           Emerging = 2         10         83%         Emerging = 2         11         92%           Developing = 3         2         10%         Developing = 3         0         0%           TOTAL         12         100%         TOTAL         12         100%           Critical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking Loceloping = 3         25% <td< th=""><th>Creative Prep</th><th></th><th></th><th>Creative Inquiry</th><th></th><th></th></td<>	Creative Prep			Creative Inquiry		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-	f	%		f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		0	0%		2	17%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Emerging = 2	11	92%	Emerging = 2	4	33%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Critical Thinking Integration       Critical Thinking Problem Solving       12       100%         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       1       8%         Emerging = 2       10       83%       Emerging = 2       11       92%         Developing = 3       2       10%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Critical Thinking Logical Thinking       Communication Rating Levels       f       %         Descriptive = 1       3       25%       Descriptive = 1       3       25%         Emerging = 2       8       67%       Emerging = 2       8       67%         Developing = 3       1       8%       Developing = 3       1       8%         Accomplished = 4       0       0%       Accomplished = 4		1	8%		6	50%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Integration Rating Levels         f         %         Problem Solving Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         1         8%           Emerging = 2         10         83%         Emerging = 2         11         92%           Developing = 3         2         10%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Critical Thinking Logical Thinking Logical Thinking         Communication Data & Information Rating Levels         f         %           Descriptive = 1         3         25%         Descriptive = 1         3         25%           Emerging = 2         8         67%         Emerging = 2         8         67%           Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Communication Argumentation         Kat		12		*	12	
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         1         8%           Emerging = 2         10         83%         Emerging = 2         11         92%           Developing = 3         2         10%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         3         25%         Descriptive = 1         3         25%           Emerging = 2         8         67%         Emerging = 2         8         67%           Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Argumentation         Collaboration Team Work         Rating Levels         f         %           Descriptive = 1         12	Critical Thinking			Critical Thinking		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	<u> </u>			Problem Solving		
Emerging = 2         10 $83\%$ Emerging = 2         11 $92\%$ Developing = 3         2 $10\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ TOTAL         12 $100\%$ TOTAL         12 $100\%$ Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         3 $25\%$ Descriptive = 1         3 $25\%$ Emerging = 2         8 $67\%$ Emerging = 2         8 $67\%$ Developing = 3         1 $8\%$ Communication Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Collaboration TOTAL         12 $100\%$ TOTAL         12 $100\%$ Communication Accomplished = 4         0 $0\%$ Descriptive = 1 $10$ $83\%$				<u> </u>	f	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Descriptive = 1	0	0%	Descriptive = 1	1	8%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Critical Thinking Logical Thinking Rating Levels       f       %       Communication Data & Information Rating Levels       f       %         Descriptive = 1       3       25%       Descriptive = 1       3       25%         Emerging = 2       8       67%       Emerging = 2       8       67%         Developing = 3       1       8%       Developing = 3       1       8%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Communication Argumentation       TOTAL       12       100%       TOTAL       12       100%         Communication Argumentation       6       Collaboration       Team Work       Team Work       Team Work       Team Work       Team Work       TotAL       12       100%	Emerging = 2	10	83%	Emerging = 2	11	92%
TOTAL         12         100%         TOTAL         12         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Communication Data & Information Rating Levels         f         %           Descriptive = 1         3         25%         Descriptive = 1         3         25%           Emerging = 2         8         67%         Emerging = 2         8         67%           Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Argumentation Argumentation Argumentation Argumentation Argumentation Argumentation Arcomplished = 4         0         0%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Developing = 3         0         0%           Condult Levels         f         %         Maccomplished = 4			10%		0	
Critical Thinking Logical Thinking Rating LevelsCommunication Data & Information Rating LevelsMDescriptive = 1325%Descriptive = 1325%Emerging = 2867%Emerging = 2867%Developing = 318%Developing = 318%Accomplished = 400%Accomplished = 400%TOTAL12100%TOTAL12100%Communication Argumentation Rating Levelsf%%Bescriptive = 112100%Descriptive = 110Bescriptive = 112100%Descriptive = 110Bescriptive = 112100%Descriptive = 110Accomplished = 400%Accomplished = 40Ow/sFemerging = 200%Emerging = 22Developing = 300%Accomplished = 400%Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Rating Bescriptive = 100%TOTAL12100%Descriptive = 100%Accomplished = 400%Accomplished = 400%Descriptive = 100%Accomplished = 400%Accomplished = 400%Developing = 300%Accomplished = 400%Accomplished = 400%Descriptive = 100%Accomplished = 4	Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 1325%Descriptive = 1325%Emerging = 2867%Emerging = 2867%Developing = 318%Developing = 318%Accomplished = 400%Accomplished = 400%TOTAL12100%TOTAL12100%Communication Argumentation Emerging = 200%Emerging = 2212100%Descriptive = 11083%Emerging = 200%Emerging = 2217%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Developing = 300%Developing = 300%Collaboration Investigation Skills Rating $m$ $m$ $m$ $m$ Descriptive = 100% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ Developing = 212100% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ <	TOTAL	12	100%	TOTAL	12	100%
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 1325%Descriptive = 1325%Emerging = 2867%Emerging = 2867%Developing = 318%Developing = 318%Accomplished = 400%Accomplished = 400%TOTAL12100%TOTAL12100%Communication Argumentation Emerging = 200%Emerging = 2212100%Descriptive = 11083%Emerging = 200%Emerging = 2217%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Developing = 300%Developing = 300%Collaboration Investigation Skills Rating $m$ $m$ $m$ $m$ Descriptive = 100% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ Developing = 212100% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ Developing = 300% $m$ $m$ $m$ <	Critical Thinking			Communication		
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         3         25%         Descriptive = 1         3         25%           Emerging = 2         8         67%         Emerging = 2         8         67%           Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Communication         Collaboration         Team Work         Note that the second team of the second team of team work         Note team of team work         Note team of team of team of team work         Note team of t						
Descriptive = 1         3         25%         Descriptive = 1         3         25%           Emerging = 2         8 $67\%$ Emerging = 2         8 $67\%$ Developing = 3         1 $8\%$ Developing = 3         1 $8\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ TOTAL         12 $100\%$ TOTAL         12 $100\%$ Communication         Collaboration         Team Work         10 $83\%$ Descriptive = 1         12 $100\%$ Descriptive = 1         10 $83\%$ Emerging = 2         0 $0\%$ Emerging = 2         2 $17\%$ Developing = 3         0 $0\%$ Emerging = 2         2 $17\%$ Developing = 3         0 $0\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Collaboration         Investigation         Investigation         Investigation         Investigation         Investiping = 2         Investiping = 2         Inv		f	%	Rating Levels	f	%
Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Communication         Collaboration         Team Work         12         100%           Argumentation         F         %         Rating Levels         f         %           Descriptive = 1         12         100%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Collaboration         Investigation         Inves		3	25%		3	25%
Developing = 3         1         8%         Developing = 3         1         8%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Communication         Collaboration         Team Work         12         100%           Argumentation         Collaboration         Team Work         6         6           Descriptive = 1         12         100%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Collaboration         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation           Skills Rating         f         %         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation </td <td>-</td> <td>8</td> <td>67%</td> <td>-</td> <td>8</td> <td>67%</td>	-	8	67%	-	8	67%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Communication       Collaboration       Team Work       12       100%         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       12       100%       Descriptive = 1       10       83%         Emerging = 2       0       0%       Emerging = 2       2       17%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Collaboration       0       %       Accomplished = 4       0       0%         Collaboration       0       6%       0       0%       0       0         Descriptive = 1       0       0%       0       0       0       0       0         Descriptive = 1       0       0%       0       0       0       0       0       0       0       0       0       0						
Communication Argumentationf%Collaboration Team Work%Rating Levelsf%Rating Levelsf%Descriptive = 112100%Descriptive = 11083%Emerging = 200%Emerging = 2217%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL12100%TOTAL12100%Collaboration Investigation Skills Ratingf%Developing = 300%Descriptive = 100%Developing = 300%Developing = 300%Developing = 300%Developing = 400%Complished = 400%Developing = 300%Developing = 300%Developing = 400%Developing = 400%Developing = 400%Developing = 400%Developing = 400%Developing = 300%Developing = 300	* *	0	0%	* *	0	0%
Argumentation Rating LevelsImage: formula black definition $f$ Team Work $Rating Levels$ Image: formula black definition $Rating E = 2$ Image: formu	TOTAL	12	100%	TOTAL	12	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         12         100%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Collaboration         Investigation         Investin         Investigation         Investigation </td <td>Communication</td> <td></td> <td></td> <td>Collaboration</td> <td></td> <td></td>	Communication			Collaboration		
Descriptive = 1         12         100%         Descriptive = 1         10         83%           Emerging = 2         0         0%         Emerging = 2         2         17%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         12         100%         TOTAL         12         100%           Collaboration         12         100%         TOTAL         12         100%           Skills Rating         f         %               Descriptive = 1         0         0%                Emerging = 2         12         100% <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u> </u>					
Emerging = 2       0       0%       Emerging = 2       2       17%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Collaboration       Image: Collaboration on the strength of the strengt of the strength of the strength of the strength of t				<u> </u>		
Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Collaboration       Image: Colored col				<u> </u>		
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       12       100%       TOTAL       12       100%         Collaboration       Image: Collaboration       Ima						
TOTAL       12       100%       TOTAL       12       100%         Collaboration       Total       12       100%         Investigation $3$ $6$ $6$ $6$ Descriptive = 1       0       0% $6$ $6$ $6$ Descriptive = 1       0       0% $6$ $6$ $6$ $6$ Developing = 2       12       100% $6$ $6$ $6$ $6$ $6$ Developing = 3       0 $0\%$ $6$ $6$ $6$ $6$ $6$ Accomplished = 4       0 $0\%$ $6$ $6$ $6$ $6$ $6$						
Collaboration Investigation Skills Ratingf $\%$ Image: Skills Ratingf $\%$ Descriptive = 100%Emerging = 212100%Developing = 300%Accomplished = 400%		-		-	-	
Investigation Skills Ratingf%Image: Constraint of the state o		12	100%	TOTAL	12	100%
Skills Rating         f         %         Image: Constraint of the state of the stat						
Descriptive = 1         0         0%            Emerging = 2         12         100%             Developing = 3         0         0%             Accomplished = 4         0         0%	<u> </u>	f	0/			
Emerging = 2         12         100%         Image: Constraint of the second s						
Developing = 3         0         0%           Accomplished = 4         0         0%						
Accomplished = $4$ 0 0%						
	TOTAL	12	100%			

RUSSELL ELEMENTARY SCHOOL (N= 12 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	40%	Descriptive = 1	7	70%
Emerging = 2	5	50%	Emerging $= 2$	3	30%
Developing = 3	1	10%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	10	100%	TOTAL	10	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	40%	Descriptive = 1	2	20%
Emerging = 2	6	60%	Emerging $= 2$	8	80%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	10	100%2	•	10	100%4
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	40%	Descriptive = 1	3	30%
Emerging = 2	6	60%	Emerging = 2	7	70%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	10	100%	TOTAL	10	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	90%	Descriptive = 1	9	90%
Emerging = 2	1	10%	Emerging = 2	1	10%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	10	100%	TOTAL	10	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	2	20%			
Emerging = 2	8	80%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	10	100%			

## RUSSELL ELEMENTARY SCHOOL (N = 9 observations): Spring 2019 YEAR FOUR

Creative Prep				Creative Inquiry		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = $1$	12	60%		Descriptive = $1$	8	40%
Emerging = $2$	8	40%		Emerging = $2$	12	60%
Developing = $3$	0	0%		Developing = $3$	0	0%
Accomplished = $4$	0	0%		Accomplished = $4$	0	0%
TOTAL	20	100%		TOTAL	20	100%
Critical Thinking	20	10070		Critical Thinking	20	10070
Integration				Problem Solving		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = $1$	16	80%		Descriptive = 1	9	45%
Emerging $= 2$	4	20%		Emerging $= 2$	11	55%
Developing = $3$	0	0%		Developing $= 3$	0	0%
Accomplished = $4$	0	0%		Accomplished = $4$	0	0%
TOTAL	20	100%		TOTAL	20	100%
	-				-	
Critical Thinking				Communication		
Logical Thinking				Data & Information		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	4	20%		Descriptive = 1	5	25%
Emerging = 2	16	80%		Emerging $= 2$	15	75%
Developing = 3	0	0%		Developing = 3	0	0%
Accomplished $= 4$	0	0%		Accomplished = 4	0	0%
TOTAL	20	100%		TOTAL	20	100%
Communication				Collaboration		
Argumentation				Team Work		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	18	90%		Descriptive = 1	8	40%
Emerging = 2	2	10%		Emerging = 2	12	60%
Developing = 3	0	0%		Developing = 3	0	0%
Accomplished = 4	0	0%		Accomplished = 4	0	0%
TOTAL	20	100%		TOTAL	20	100%
Collaboration						
Investigation						
Skills Rating	f	%				
Levels						
Descriptive = 1	12	60%				
Emerging = 2	7	35%				
Developing = 3	1	5%				
Accomplished = 4	0	0%				
TOTAL	20	100%				

## DIXON PRIMARY SCHOOL (N = 20 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	44%	Descriptive = 1	7	39%
Emerging = $2$	7	39%	Emerging = 2	8	44%
$\frac{\text{Energing} - 2}{\text{Developing} = 3}$	0	0%	$\frac{\text{Energing} - 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	17%	$\frac{1}{1} \text{Accomplished} = 4$	3	17%
TOTAL	15	17%	TOTAL	18	17%
Critical Thinking	15	100%	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	44%	Descriptive = 1	11	54%
	8 7	39%		6	46%
Emerging = $2$	0		Emerging = 2	0	46%
Developing = 3		0%	Developing = 3		
Accomplished = 4 TOTAL	<u>3</u> 18	17%	Accomplished = $4$	0	0% 100%
IOIAL	18	100%	TOTAL	18	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	7	54%	Descriptive = 1	4	31%
Emerging = 2	6	46%	Emerging = 2	9	69%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	100%	Descriptive = 1	12	92%
Emerging = 2	0	0%	Emerging $= 2$	1	8%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	9	69%			
Emerging $= 2$	4	31%			
Developing = 3	0	0%			
Accomplished = $4$	0	0%			
TOTAL	13	100%			

## DIXON PRIMARY SCHOOL (N = 15 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	23%	Descriptive = 1	5	38%
Emerging = 2	10	77%	Emerging = 2	7	54%
Developing = 3	0	0%	Developing = 3	1	8%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	23%	Descriptive = 1	5	38%
Emerging = 2	10	77%	Emerging = 2	8	62%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	38%	Descriptive = 1	4	31%
Emerging = 2	8	62%	Emerging = 2	9	69%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation	2		Team Work	2	
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	13	100%	Descriptive = 1	11	85%
Emerging = 2	0	0%	Emerging $= 2$	2	15%
$\frac{\text{Developing} = 3}{1 + 1 + 1}$	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL Collaboration	13	100%	TOTAL	13	100%
Investigation					
Skills Rating	f	%			
Descriptive = 1	8	62%			
Emerging = $2$	5	38%			
Developing = $3$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	13	100%			

## SS DIXON PRIMARY SCHOOL (N= 13 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	14	54%	 Ŭ	13	50%
Emerging = 2			 Descriptive = 1		
	12	46%	 $\frac{\text{Emerging} = 2}{2}$	11	42%
Developing = 3	0	0%	$\frac{\text{Developing} = 3}{1 + 1 + 4}$	12	8%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Critical Thinking		
Integration Rating Levels	C	0.4	Problem Solving	C	0 /
e e e e e e e e e e e e e e e e e e e	f	%	 Rating Levels	f	%
Descriptive = 1	14	54%	Descriptive = 1	19	73%
Emerging = 2	12	46%	Emerging = 2	7	27%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%		26	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	18	69%	Descriptive = 1	17	65%
Emerging = 2	8	31%	 Emerging = 2	9	35%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	26	100%	Descriptive = 1	23	89%
Emerging = 2	0	0%	Emerging = 2	3	11%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	17	65%			
Emerging = 2	9	35%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

## SS DIXON PRIMARY SCHOOL (N = 26 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	88%	Descriptive = 1	21	81%
Emerging = $2$	23	8%	Emerging = $2$	1	3%
Developing = $3$	1	4%	$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	2	8%
Accomplished = $4$	0	0%	Accomplished = 4	2	8%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking	20	10070	Critical Thinking	20	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	88%	Descriptive = 1	22	84%
Emerging = 2	1	4%	Emerging = 2	2	8%
Developing $= 3$	2	8%	Developing = 3	2	8%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	26	100%	Descriptive = 1	24	92%
Emerging = 2	0	0%	Emerging = 2	2	8%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	88%	Descriptive = 1	25	96%
Emerging = 2	3	12%	Emerging = 2	1	4%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels		0.501			
Descriptive = 1	22	85%			
Emerging = 2	4	15%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

WEST NAVARE PRIMARY SCHOOL (N = 26 observations): Spring 2016 YEAR ONE

Creative Prep Rating Levels         f         %         Creative Inquiry Rating Levels         f         %           Descriptive = 1         7         32%         Descriptive = 1         8         16%           Emerging = 2         8         36%         Emerging = 2         7         32%           Devcloping = 3         7         32%         Devcloping = 3         7         32%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Integration         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         13         59%         Descriptive = 1         16         73%           Emerging = 2         4         18%         Emerging = 2         1         4%           Devcloping = 3         0         23%         Devcloping = 3         14%           Accomplished = 4         5         0%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th></td<>						
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Developing = 3         7         32%         Developing = 3         7         32%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Integration         Critical Thinking Problem Solving         1         1         1           Rating Levels         f         %         Rating Levels         f         %           Emerging = 2         4         18%         Emerging = 2         1         4%           Developing = 3         0         23%         Developing = 3         3         14%           Developing = 3         0         23%         Developing = 3         3         14%           Complished = 4         5         0%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Logical Thinking          Communication Data & Information          2         9%           Accomplished = 4         2         9%         Emerging = 2         0         23%         Developing = 3         0         0%				1		
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       22       100%       TOTAL       22       100%         Critical Thinking Integration Rating Levels       f       %       Critical Thinking Problem Solving Rating Levels       f       %         Descriptive = 1       13       59%       Descriptive = 1       16       73%         Emerging = 2       4       18%       Emerging = 2       1       4%         Developing = 3       0       23%       Developing = 3       3       14%         Accomplished = 4       5       0%       Accomplished = 4       2       9%         TOTAL       22       100%       TOTAL       22       100%         Critical Thinking Rating Levels       f       %       Accomplished = 4       2       9%         Critical Thinking Rating Levels       f       %       Descriptive = 1       17       77%         Emerging = 2       2       9%       Accomplished = 4       5       0%         Developing = 3       3       14%       Developing = 3       0       0%         Accomplished = 4       2       9%       Accomplished = 4       5       0%      <					•	
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $				•		
Integration Rating Levels         f         %         Problem Solving Rating Levels         f         %           Descriptive = 1         13         59%         Descriptive = 1         16         73%           Emerging = 2         4         18%         Emerging = 2         1         4%           Developing = 3         0         23%         Developing = 3         3         14%           Accomplished = 4         5         0%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         15         68%         Descriptive = 1         17         77%           Emerging = 2         2         9%         Emerging = 2         0         23%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Accomplished = 4         5         0%           Contraction Accomplished = 4         2         9%         Accomplished = 4         5         0%           Descriptive = 1 <t< td=""><td></td><td>22</td><td>100%</td><td></td><td>22</td><td>100%</td></t<>		22	100%		22	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         13         59%         Descriptive = 1         16         73%           Emerging = 2         4         18%         Emerging = 2         1         4%           Developing = 3         0         23%         Developing = 3         3         14%           Accomplished = 4         5         0%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Logical Thinking         Communication Descriptive = 1         17         77%           Descriptive = 1         15         68%         Descriptive = 1         17         77%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Emerging = 2         0         23%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Accomplished = 4         5         0%           TOTAL         22         100%         TOTAL <t< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td></t<>	-					
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Accomplished = 4         5         0%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Communication Data & Information Rating Levels         f         %           Descriptive = 1         15         68%         Descriptive = 1         17         77%           Emerging = 2         2         9%         Emerging = 2         0         23%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Accomplished = 4         5         0%           TOTAL         22         100%         TOTAL         22         100%           Communication Argumentation         Collaboration Team Work         73%         Emerging = 2         16         73%           Descriptive = 1         17         77%         Descriptive = 1         16         73%           Emerging = 2         0         0%         Emerging = 2         1         4%           Developing = 3         0         0%         Developing = 3         3         14% <td< td=""><td>Emerging = 2</td><td></td><td>18%</td><td>Emerging = 2</td><td></td><td>4%</td></td<>	Emerging = 2		18%	Emerging = 2		4%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Developing = 3		23%	Developing = 3		14%
Critical Thinking Logical Thinking Rating Levelsf $\%$ Communication Data & Information Rating Levelsf $\%$ Descriptive = 11568%Descriptive = 11777%Emerging = 229%Emerging = 2023%Developing = 3314%Developing = 300%Accomplished = 429%Accomplished = 450%TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf%Rating LevelsfMathematical Descriptive = 11777%Descriptive = 116Descriptive = 11777%Descriptive = 11673%Descriptive = 11777%Descriptive = 11673%Descriptive = 11777%Descriptive = 14%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Image: Single of the	•			Accomplished = 4		
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 11568%Descriptive = 11777%Emerging = 229%Emerging = 2023%Developing = 3314%Developing = 300%Accomplished = 429%Accomplished = 450%TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf%Rating LevelsfMathematical developing = 300%Collaboration Team Work%Bescriptive = 11777%Descriptive = 116Descriptive = 11777%Descriptive = 116Accomplished = 4523%Accomplished = 429%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Henry BisDescriptive = 1836%InterventionInterventionInvestigation Skills Rating Levelsf%InterventionDescriptive = 1836%InterventionInterventionInvestigation Skills Rating Levels1836%InterventionDescriptive = 1836%InterventionInterventionDeveloping = 3032%InterventionInterventionD	TOTAL	22	100%	TOTAL	22	100%
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 11568%Descriptive = 11777%Emerging = 229%Emerging = 2023%Developing = 3314%Developing = 300%Accomplished = 429%Accomplished = 450%TOTAL22100%TOTAL22100%Communication Argumentation Rating Levelsf%Rating LevelsfMathematical developing = 300%Collaboration Team Work%Bescriptive = 11777%Descriptive = 116Descriptive = 11777%Descriptive = 116Accomplished = 4523%Accomplished = 429%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Henry BisDescriptive = 1836%InterventionInterventionInvestigation Skills Rating 						
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         15         68%         Descriptive = 1         17         77%           Emerging = 2         2         9%         Emerging = 2         0         23%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Accomplished = 4         5         0%           TOTAL         22         100%         TOTAL         22         100%           Communication         Collaboration         Team Work          %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         17         77%         Descriptive = 1         16         73%           Emerging = 2         0         0%         Emerging = 2         1         4%           Developing = 3         0         0%         Developing = 3         3         14%           Accomplished = 4         5         23%         Accomplished = 4         2         9%           TOTAL         22         100%         TOTAL         22         10	Critical Thinking			Communication		
Descriptive = 1         15         68%         Descriptive = 1         17         77%           Emerging = 2         2         9%         Emerging = 2         0         23%           Developing = 3         3         14%         Developing = 3         0         0%           Accomplished = 4         2         9%         Accomplished = 4         5         0%           TOTAL         22         100%         TOTAL         22         100%           Communication         Collaboration         Team Work         9%         Accomplished = 4         5         0%           Argumentation         Collaboration         Team Work         6         73%         73%         77%         Descriptive = 1         16         73%           Descriptive = 1         17         77%         Descriptize = 1         16         73%           Emerging = 2         0         0%         Emerging = 2         1         4%           Developing = 3         0         0%         Developing = 3         3         14%           Collaboration         Femerging = 2         1         4%         9%         100%         100%         10%         10%         10%         10%         10%	Logical Thinking			Data & Information		
Emerging = 229%Emerging = 2023%Developing = 3314%Developing = 300%Accomplished = 429%Accomplished = 450%TOTAL22100%TOTAL22100%CommunicationCollaborationTeam Work22100%Argumentation6%Rating Levelsf%Descriptive = 11777%Descriptive = 11673%Emerging = 200%Emerging = 214%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration%Developing = 3314%Developing = 300%Developing = 3314%Collaboration%TOTAL22100%TOTAL22Collaboration%TOTAL22100%TOTAL22100%Collaboration%GGGGGGInvestigation%GGGGGGSkills Ratingf%GGGGGDescriptive = 1836%GGGGGDeveloping = 3032%GGGGGDeveloping = 3032%GG	Rating Levels	f	%	Rating Levels	f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Descriptive = 1	15	68%		17	77%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Emerging $= 2$		9%	Emerging $= 2$	0	23%
TOTAL22100%TOTAL22100%Communication ArgumentationCollaboration Team WorkCollaboration Team Work $(100\%)$ Rating Levelsf%Rating Levelsf%Descriptive = 11777%Descriptive = 11673%Emerging = 200%Emerging = 214%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Levelsf%Image: Collaboration and the second	Developing = 3		14%		0	0%
Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 11777%Descriptive = 11673%Descriptive = 11777%Descriptive = 11673%Emerging = 200%Emerging = 214%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Descriptive = 1836%Descriptive = 1836% </td <td>Accomplished = 4</td> <td>2</td> <td>9%</td> <td>Accomplished = 4</td> <td>5</td> <td>0%</td>	Accomplished = 4	2	9%	Accomplished = 4	5	0%
Argumentation Rating Levelsf%Team Work Rating Levelsf%Descriptive = 11777%Descriptive = 11673%Emerging = 200%Emerging = 214%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%Collaboration Investigation Skills Rating Levelsf%Descriptive = 1836% </td <td>TOTAL</td> <td>22</td> <td>100%</td> <td>TOTAL</td> <td>22</td> <td>100%</td>	TOTAL	22	100%	TOTAL	22	100%
Rating Levelsf%Rating Levelsf%Descriptive = 11777%Descriptive = 11673%Emerging = 200%Emerging = 214%Developing = 300%Developing = 3314%Accomplished = 4523%Accomplished = 429%TOTAL22100%TOTAL22100%CollaborationTOTAL22100%Investigation </td <td>Communication</td> <td></td> <td></td> <td>Collaboration</td> <td></td> <td></td>	Communication			Collaboration		
Descriptive = 1       17       77%       Descriptive = 1       16       73%         Emerging = 2       0       0%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       3       14%         Accomplished = 4       5       23%       Accomplished = 4       2       9%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation       7%       TOTAL       22       100%         Skills Rating       f       %       6       6       6       6         Descriptive = 1       8       36%       6       6       6       6       6         Emerging = 2       7       32%       6       6       6       6       6       6         Developing = 3       0       32%       6 </td <td>Argumentation</td> <td></td> <td></td> <td>Team Work</td> <td></td> <td></td>	Argumentation			Team Work		
Emerging = 2       0       0%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       3       14%         Accomplished = 4       5       23%       Accomplished = 4       2       9%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation       F       %       Investigation       Investing Investingation       Investing Investigat	-	f	%	Rating Levels	f	%
Emerging = 2       0       0%       Emerging = 2       1       4%         Developing = 3       0       0%       Developing = 3       3       14%         Accomplished = 4       5       23%       Accomplished = 4       2       9%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation       F       %       Investigation       Investing Investingation       Investing Investigat	Descriptive = 1	17	77%	Descriptive = 1	16	73%
Developing = 3       0       0%       Developing = 3       3       14%         Accomplished = 4       5       23%       Accomplished = 4       2       9%         TOTAL       22       100%       TOTAL       22       100%         Collaboration       Investigation       TOTAL       22       100%         Skills Rating       f       %       Image: Complex set of the set of		0	0%		1	4%
Accomplished = 4       5 $23\%$ Accomplished = 4       2 $9\%$ TOTAL       22       100%       TOTAL       22       100%         Collaboration       rotal       rotal       22       100%       100%         Skills Rating       f       %       rotal       rotal       rotal         Levels       rotal       36%       rotal       rotal       rotal         Descriptive = 1       8       36%       rotal       rotal       rotal         Emerging = 2       7       32%       rotal       rotal       rotal         Developing = 3       0       32%       rotal       rotal       rotal       rotal         Accomplished = 4       7       0%       rotal       rotal       rotal       rotal		0	0%		3	14%
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		5	23%		2	9%
Collaboration Investigation Skills Rating Levelsf%Image: Constraint of the second secon		22		•	22	
Investigation Skills Rating Levelsf%Image: Constraint of the second se						
Skills Rating Levelsf%//Descriptive = 18 $36\%$ //Emerging = 27 $32\%$ //Developing = 30 $32\%$ //Accomplished = 47 $0\%$ //						
Levels         Image: Constraint of the system         Image: Constand of the system		f	%			
Emerging = 2         7         32%         Image: Constraint of the second sec						
Emerging = 2         7         32%         Image: Constraint of the second sec	Descriptive = 1	8	36%			
Developing = 3         0         32%            Accomplished = 4         7         0%						
Accomplished = 4 7 0%						
	TOTAL	22	100%			

#### WEST NAVARE PRIMARY SCHOOL (N = 22 observations): Spring 2017 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	13%
Emerging = 2	6	37%	Emerging = 2	8	50%
Developing = 3	10	63%	Developing = 3	6	37%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	2	13%
Emerging = 2	8	50%	Emerging = 2	8	50%
Developing = 3	6	37%	Developing = 3	6	37%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking	C		Data & Information	0	
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	2	13%
Emerging = 2	10	63%	Emerging = 2	10	63%
Developing = 3	4	24%	Developing = 3	4	24%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation	C	0/	Team Work	C	0.(
Rating Levels	f 2	<mark>%</mark>	Rating Levels	f	<u>%</u>
Descriptive = 1	2 10	13% 63%	Descriptive = $1$	<u>10</u> 4	63% 24%
Emerging = 2			Emerging = $2$		
$\frac{\text{Developing} = 3}{\text{Accomplished} = 4}$	4	24% 0%	Developing = 3	2 0	13% 0%
TOTAL	16	100%	Accomplished = 4 TOTAL	16	100%
Collaboration	10	10070	IOTAL	10	10070
Investigation					
Skills Rating	f	%			
Descriptive = $1$	4	24%			
Emerging $= 2$	10	63%			
Developing = $3$	2	13%			
Accomplished $= 4$	0	0%			
TOTAL	16	100%			

WEST NAVARRE PRIMARY SCHOOL (N= 16 observations): Spring 2018 YEAR THREE

Creative Prep			Creative In minu		
Rating Levels	f	%	Creative Inquiry	f	%
Descriptive = 1		43%	Rating Levels	14	
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$	10		Descriptive = 1	9	61%
	13	57%	Emerging $= 2$	-	39%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = $4$	0	0%
TOTAL	23	100%	TOTAL	23	100%
Critical Thinking			Critical Thinking		
Integration Rating Levels	2	0 (	Problem Solving		<u> </u>
- C	f	%	Rating Levels	f	%
Descriptive = 1	12	52%	Descriptive = 1	16	70%
Emerging = 2	11	48%	Emerging = 2	7	30%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	23	100%		23	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	70%	Descriptive = 1	15	65%
Emerging = 2	7	30%	Emerging = 2	8	35%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	23	100%	TOTAL	23	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	23	100%	Descriptive $= 1$	20	87%
Emerging = 2	0	0%	Emerging $= 2$	3	13%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	23	100%	TOTAL	23	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	14	61%			
Emerging = 2	9	39%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	23	100%			

## WEST NAVARRE PRIMARY SCHOOL (N = 23 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	10	83%	Descriptive = 1	10	83%
Emerging = 2	2	17%	Emerging = 2	2	17%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	12	100%	TOTAL	12	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	10	83%	Descriptive = 1	4	33%
Emerging = 2	2	17%	Emerging = 2	8	68%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	12	100%	TOTAL	12	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	17%	Descriptive = 1	2	17%
Emerging = 2	6	50%	Emerging = 2	10	83%
Developing = 3	2	17%	Developing $= 3$	0	0%
Accomplished $= 4$	2	17%	Accomplished $= 4$	0	0%
TOTAL	12	100%	TOTAL	12	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	17%	Descriptive = 1	2	17%
Emerging = 2	10	83%	Emerging = 2	2	17%
Developing = 3	0	0%	Developing = 3	6	50%
Accomplished = 4	0	0%	Accomplished = 4	2	17%
TOTAL	12	100%	TOTAL	12	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	0	0%			
Emerging = 2	2	17%			
Developing = 3	8	67%			
Accomplished = 4	2	17%			
TOTAL	12	100%			

#### SS DIXON INTERMEDIATE SCHOOL (N= 12 observations): Spring 2016 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	12	75%	Emerging $= 2$	14	88%
Developing = 3	4	25%	Developing $= 3$	2	12%
Accomplished = $4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	14	88%	Emerging $= 2$	12	75%
Developing = 3	2	12%	Developing = 3	4	25%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	0	0%
Emerging = 2	12	76%	Emerging = 2	16	100%
Developing = 3	2	12%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	14	88%	Emerging = 2	16	100%
Developing = 3	2	12%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels	6	001			
Descriptive = 1	0	0%			
Emerging = 2	14	88%			
Developing = 3	2	12%			
Accomplished = $4$	0	0%			
TOTAL	16	100%			

## SS DIXON INTERMEDIATE SCHOOL (N = 16 observations): Spring 2017 YEAR TWO

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         2         10%         Emerging = 2         2         10%           Developing = 3         3         15%         Developing = 3         5         25%           Accomplished = 4         15         75%         Accomplished = 4         13         65%           TOTAL         20         100%         TOTAL         20         100%           Critical Thinking Integration         Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%         Emerging = 2         0         0%           Developing = 3         5         25%         Developing = 3         6         30%         Accomplished = 4         14         70%           TOTAL         20         100%         TOTAL         20         100%         Emerging = 2         0         0%           Descriptive = 1         0         0%         Descriptive = 1         0         0%         Emerging = 3	Creative Prep			Creative Inquiry		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		f	%		f	%
Emerging = 2         2         10%         Emerging = 2         2         10%           Developing = 3         3         15%         Developing = 3         5         25%           Accomplished = 4         15         75%         Accomplished = 4         13         65%           TOTAL         20         100%         TOTAL         20         100%           Critical Thinking Integration         Critical Thinking         Integration         7%         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%         0%           Emerging = 2         2         10%         Emerging = 2         0         0%           Developing = 3         5         25%         Developing = 3         6         30%           Accomplished = 4         13         65%         Accomplished = 4         14         70%           TOTAL         20         100%         TOTAL         20         100%           Excloping = 3         5         25%         Developing = 3         3         15%           Accomplished = 4         13         65%         Accomplished = 4         14         70%           Descliptiv		0				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-	2	10%	-	2	10%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		3	15%		5	25%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Integration         Problem Solving Rating Levels         Problem Solving Rat		20				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Critical Thinking			Critical Thinking		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Integration			Problem Solving		
Image: Product of the second system of the syste	Rating Levels					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Descriptive = 1	0	0%	Descriptive = 1	0	0%
Accomplished = 4         13         65%         Accomplished = 4         14         70%           TOTAL         20         100%         TOTAL         20         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         2         10%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         14         70%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%         Emerging = 2         0         0%           Descriptive = 1         0         0%         Descriptive = 1         0         0%         Emerging = 3         3         15%           Accomplished = 4         13         65% <td>Emerging = 2</td> <td></td> <td>10%</td> <td></td> <td>0</td> <td>0%</td>	Emerging = 2		10%		0	0%
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			25%	Developing = 3	6	30%
Critical Thinking Logical Thinking Rating LevelsCommunication Data & Information Rating Levels $f$ %Descriptive = 100%Descriptive = 100%Emerging = 2210%Emerging = 200%Developing = 3420%Developing = 3315%Accomplished = 41470%Accomplished = 41785%TOTAL20100%TOTAL20100%Communication Argumentation Rating Levelsf%Rating LevelsfMean end to a structure%Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Collaboration Investigation Skills Rating%Descriptive = 100%Descriptive = 100%TOTAL20100%Descriptive = 100%Descriptive = 100%Descriptive = 100%Descriptive = 100% <td>Accomplished <math>= 4</math></td> <td>13</td> <td>65%</td> <td>Accomplished <math>= 4</math></td> <td>14</td> <td>70%</td>	Accomplished $= 4$	13	65%	Accomplished $= 4$	14	70%
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 100%Descriptive = 100%Emerging = 2210%Emerging = 200%Developing = 3420%Developing = 3315%Accomplished = 41470%Accomplished = 41785%TOTAL20100%TOTAL20100%Communication Argumentation Bescriptive = 100%Descriptive = 1000%Descriptive = 100%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Collaboration Investigation Skills Rating%Developing = 3315%Developing = 200%Developing = 3315%Developing = 3 <td>TOTAL</td> <td>20</td> <td>100%</td> <td>TOTAL</td> <td>20</td> <td>100%</td>	TOTAL	20	100%	TOTAL	20	100%
Logical Thinking Rating Levelsf%Data & Information Rating Levelsf%Descriptive = 100%Descriptive = 100%Emerging = 2210%Emerging = 200%Developing = 3420%Developing = 3315%Accomplished = 41470%Accomplished = 41785%TOTAL20100%TOTAL20100%Communication Argumentation Bescriptive = 100%Descriptive = 1000%Descriptive = 100%0%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Collaboration Investigation Skills Rating%Developing = 3315%Developing = 200%Developing = 3315%Developing = 3315%Develo	Critical Thinking			Communication		
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         2         10%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         14         70%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Communication         Collaboration         Team Work         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Descriptive = 1         0         0%         Developing = 3         3         15%           Accomplished = 4         13         65%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%         TOTAL         20         100%         Emerging = 2         0						
Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         2         10%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         14         70%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Communication         Collaboration         Team Work         7         85%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         3         15%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         13         65%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Collaboration         N         N         N         N         N	0	f	%		f	%
Emerging = 2       2       10%       Emerging = 2       0       0%         Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       14       70%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Communication       Collaboration       Team Work       Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       0       0%         Developing = 3       4       20%       Developing = 2       0       0%         Emerging = 2       3       15%       Emerging = 2       0       0%         Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Collaboration       No       No       No       No       No         Maccomplished = 4       13       65%       Accomplished = 4       17       85%         Descriptive = 1       0       0%       No </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-			*		
Accomplished = 4       14       70%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Communication       Collaboration       Team Work       20       100%         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       0       0%       Descriptive = 1       0       0%         Emerging = 2       3       15%       Emerging = 2       0       0%         Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Collaboration       10       100%       100%       100%       100%         Emerging = 2       0       0%       100%       100% <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Argumentation Rating Levelsf%Team Work Rating Levelsf%Descriptive = 100%Descriptive = 100%Emerging = 2315%Emerging = 200%Developing = 3420%Developing = 3315%Accomplished = 41365%Accomplished = 41785%TOTAL20100%TOTAL20100%Collaboration Investigation Skills Ratingf%Descriptive = 100%Developing = 3315%Developing = 3315%Developing = 3315%Developing = 3315%Developing = 41785%				*		
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         3         15%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         13         65%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Collaboration	Communication			Collaboration		
Descriptive = 1         0         0%         Descriptive = 1         0         0%           Emerging = 2         3         15%         Emerging = 2         0         0%           Developing = 3         4         20%         Developing = 3         3         15%           Accomplished = 4         13         65%         Accomplished = 4         17         85%           TOTAL         20         100%         TOTAL         20         100%           Collaboration	Argumentation			Team Work		
Emerging = 2       3       15%       Emerging = 2       0       0%         Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Collaboration       Investigation       70%       100%       100%         Descriptive = 1       0       0%       0%       100%         Emerging = 2       0       0%       0%       0%         Developing = 3       3       15%       0%       0%	Rating Levels	f	%	Rating Levels	f	%
Developing = 3       4       20%       Developing = 3       3       15%         Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Collaboration       Investigation       Investin (Investin)       Investigation       <	*					
Accomplished = 4       13       65%       Accomplished = 4       17       85%         TOTAL       20       100%       TOTAL       20       100%         Collaboration       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation         Descriptive = 1       0       0%       Investigation       Investigation       Investigation         Developing = 2       0       0%       Investigation       Investigation       Investigation         Accomplished = 4       17       85%       Investigation       Investigation       Investigation	Emerging $= 2$		15%	Emerging $= 2$	0	0%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Developing = 3	4	20%	Developing = 3	3	15%
Collaboration Investigation Skills Ratingf% $\checkmark$ Descriptive = 100% $\checkmark$ Emerging = 200% $\checkmark$ Developing = 3315% $\checkmark$ Accomplished = 41785% $\checkmark$				*		
Investigation Skills Ratingf%Image: Skills Ratingf%Descriptive = 100%Image: Skills RatingImage: Skills RatingImage: Skills RatingImage: Skills RatingEmerging = 200%Image: Skills RatingImage: Skills RatingImage: Skills RatingDeveloping = 3315%Image: Skills RatingImage: Skills RatingAccomplished = 41785%Image: Skills Rating		20	100%	TOTAL	20	100%
Skills Rating         f         %            Descriptive = 1         0         0%             Emerging = 2         0         0%              Developing = 3         3         15%              Accomplished = 4         17         85%						
Descriptive = 1       0       0% $\blacksquare$ Emerging = 2       0       0% $\blacksquare$ Developing = 3       3       15% $\blacksquare$ Accomplished = 4       17       85% $\blacksquare$	<u> </u>	C	07			
Emerging = 2         0         0% $(1, 2)^{-1}$ Developing = 3         3         15% $(1, 2)^{-1}$ Accomplished = 4         17         85% $(1, 2)^{-1}$	Ŭ					
Developing = 3         3         15%           Accomplished = 4         17 $85\%$	*					
Accomplished = 4 17 85%						
	TOTAL	20	100%			

SS DIXON INTERMEDIATE SCHOOL (N= 20 observations): Spring 2018 YEAR THREE

Creative Prep			Creative In quiny		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	21%	Descriptive = 1	3	16%
Emerging = 2	15	79%	Emerging = 2	16	84%
$\frac{\text{Energing} - 2}{\text{Developing} = 3}$	0	0%		0	0%
	0		Developing = 3	0	
Accomplished = 4 TOTAL		0%	Accomplished = 4		0%
	19	100%	TOTAL	19	100%2
Critical Thinking Integration			Critical Thinking		
Rating Levels	C	07	Problem Solving	C	0/
	f 2	%	Rating Levels	f	% 470/
Descriptive = $1$	2	11%	Descriptive = 1	9	47%
Emerging = 2	16	84%	Emerging = $2$	10	53%
Developing = 3	1	5%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%		19	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	11%	Descriptive = 1	4	21%
Emerging = 2	17	89%	Emerging = 2	15	79%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	18	95%	Descriptive = 1	11	58%
Emerging = 2	1	5%	Emerging $= 2$	8	42%
Developing = 3	0	0%	Developing $= 3$	0	0%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	19	100%	TOTAL	19	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	8	42%			
Emerging = 2	11	58%			
Developing = 3	0	0%			
Accomplished = $4$	0	0%			
TOTAL	19	100%			

# SS DIXON INTERMEDIATE SCHOOL (N = 19 observations): Spring 2019 YEAR FOUR

Creative Prep			Creative Inquiry
Rating Levels	f	%	Rating Levels f %
Descriptive = $1$	9	50%	Descriptive = $1$ 8 45%
Emerging $= 2$	7	39%	Emerging = $2$ 6 $33\%$
Developing = 3	2	11%	$Developing = 3 \qquad 4 \qquad 22\%$
Accomplished $= 4$	0	0%	Accomplished = $4$ 0 0%
TOTAL	18	100%	TOTAL 18 100%
Critical Thinking			Critical Thinking
Integration			Problem Solving
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	11	61%	Descriptive = 1 12 $67\%$
Emerging = 2	7	39%	Emerging = $2$ 4 $22\%$
Developing = 3	0	0%	Developing = 3 $2$ $11\%$
Accomplished $= 4$	0	0%	Accomplished = $4$ 0 0%
TOTAL	18	100%	TOTAL 18 100%
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levelsf%
Descriptive = 1	15	83%	Descriptive = 1 15 83%
Emerging = 2	1	6%	Emerging = 216%
Developing = 3	2	11%	Developing = 3 2 11%
Accomplished = 4	0	0%	Accomplished = 40 $0\%$
TOTAL	18	100%	TOTAL 18 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levelsf%
Descriptive = 1	15	83%	Descriptive = 1 16 89%
Emerging = 2	3	17%	Emerging = 22 $11\%$
Developing = 3	0	0%	Developing = $3$ 0 0%
Accomplished = 4	0	0%	$Accomplished = 4 \qquad 0 \qquad 0\%$
TOTAL	18	100%	TOTAL 18 100%
Collaboration			
Investigation			
Skills Rating	f	%	
Levels			
Descriptive = 1	13	72%	
Emerging = 2	5	28%	
Developing = 3	0	0%	
Accomplished = 4	0	0%	
TOTAL	18	100%	

WEST NAVARRE INTERMEDIATE SCHOOL (N = 26 observations): Spring 2016 YEAR 1

Creative Prep			Creative Inquiry
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	0	0%	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Emerging = $2$	20	78%	1000000000000000000000000000000000000
Developing = $3$	3	11%	$\frac{10}{10} = \frac{10}{31\%}$
Accomplished = $4$	3	11%	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
TOTAL	26	100%	TOTAL         26         100%
Critical Thinking	20	10070	Critical Thinking
Integration			Problem Solving
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	4	15%	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Emerging = $2$	14	55%	$Emerging = 2 \qquad 12 \qquad 46\%$
Developing = $3$	4	15%	$\frac{12}{\text{Developing} = 3} \qquad 7 \qquad 27\%$
Accomplished = $4$	4	15%	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
TOTAL	26	100%	TOTAL         26         100%
101112	_0	10070	
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	4	15%	Descriptive = 1 $2$ $8\%$
Emerging $= 2$	12	46%	Emerging = 2   15   58%
Developing = 3	9	35%	$Developing = 3 \qquad 6 \qquad 23\%$
Accomplished $= 4$	1	4%	Accomplished = $4$ 3 11%
TOTAL	26	100%	TOTAL 26 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	0	0%	Descriptive = $1$ 17 65%
Emerging = 2	14	54%	Emerging = 2 $3$ 12%
Developing = 3	11	42%	Developing = $3$ 5 19%
Accomplished = 4	1	4%	Accomplished = $4$ 1 $4\%$
TOTAL	26	100%	TOTAL 26 100%
Collaboration			
Investigation			
Skills Rating	f	%	
Levels			
Descriptive = 1	4	15%	
Emerging = 2	15	58%	
Developing = 3	5	19%	
Accomplished = 4	2	8%	
TOTAL	26	100%	

WEST NAVARRE INTERMEDIATE SCHOOL (N = 26 observations): Spring 2017 YEAR 2

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	2	12%	Emerging = 2	4	25%
Developing = 3	10	63%	Developing = 3	8	50%
Accomplished = $4$	4	25%	Accomplished = $4$	4	25%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	2	12%	Emerging = 2	4	25%
Developing = 3	10	63%	Developing = 3	8	50%
Accomplished $= 4$	4	25%	Accomplished $= 4$	4	25%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	4	26%	Emerging = 2	4	25%
Developing = 3	6	37%	Developing = 3	8	50%
Accomplished = 4	6	37%	Accomplished = 4	4	25%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation	c	07	Team Work	c	0.(
Rating Levels	f	%	Rating Levels	f	% 250/
Descriptive = 1	0 4	0%	Descriptive = $1$	4	25%
Emerging = 2		26%	Emerging = $2$		0%
$\frac{\text{Developing} = 3}{\text{A complished} = 4}$	6 6	37%	Developing = 3	10	63%
Accomplished = 4 TOTAL	6 16	<u> </u>	Accomplished = 4 TOTAL	2 16	12% 100%
Collaboration	10	100%	IUIAL	10	100%
Investigation					
Skills Rating	f	%			
Descriptive = $1$	0	0%			
Emerging = $2$	4	25%			
Developing = $3$	12	75%			
Accomplished = $4$	0	0%			
TOTAL	16	100%			

WEST NAVARRE INTERMEDIATE SCHOOL (N= 16 observations): Spring 2018 YEAR 3

Creative Prep			Creative In animy		
Rating Levels	f	%	Creative Inquiry	f	%
	8		Rating Levels		
Descriptive = $1$	-	32%	Descriptive = 1	8	32%
Emerging $= 2$	16	64%	Emerging = $2$	11	44%
Developing = 3	1	4%	Developing = 3	6	24%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	25	100%	TOTAL	25	100%
Critical Thinking			Critical Thinking		
Integration	_		Problem Solving	_	
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	32%	Descriptive = 1	11	44%
Emerging = 2	16	64%	Emerging = 2	12	48%
Developing = 3	1	4%	Developing = 3	2	8%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	25	100%		25	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	36%	Descriptive = 1	8	32%
Emerging = 2	14	56%	Emerging $= 2$	16	64%
Developing = 3	2	8%	Developing = 3	1	4%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	25	100%	TOTAL	25	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	21	84%	Descriptive $= 1$	16	64%
Emerging $= 2$	4	16%	Emerging $= 2$	8	32%
Developing = 3	0	0%	Developing = 3	1	4%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	25	100%	TOTAL	25	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	8	32%			
Emerging = 2	16	64%			
Developing = $3$	1	4%			
Accomplished = 4	0	0%			
TOTAL	25	100%			

WEST NAVARRE INTERMEDIATE SCHOOL (N = 25 observations): Spring 2019 YEAR 4

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	80%	Descriptive = 1	12	60%
Emerging = $2$	4	20%	Emerging = 2	8	40%
$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	4 0	0%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	-4070 
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking	20	10070	Critical Thinking	20	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	15	75%	Descriptive = 1	11	55%
Emerging = $2$	5	25%	Emerging = 2	9	45%
Developing = $3$	0	0%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
TOTAL	20	10070	TOTAL	20	10070
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	12	60%	Descriptive = 1	15	75%
Emerging = 2	8	40%	Emerging = 2	5	25%
Developing = $3$	0	0%	Developing = $3$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	18	90%	Descriptive $= 1$	14	70%
Emerging $= 2$	2	10%	Emerging $= 2$	6	30%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	14	70%			
Emerging = 2	6	30%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

## GULF BREEZE MIDDLE SCHOOL (N = 20 observations): Spring 2017 YEAR ONE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	20%	Descriptive = 1	0	0%
Emerging $= 2$	9	60%	Emerging = $2$	12	80%
Developing = 3	3	20%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking	15	10070	Critical Thinking	15	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	20%	Descriptive = 1	2	13%
Emerging = 2	12	80%	Emerging = 2	10	67%
Developing = 3	0	0%	Developing = 3	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	1	15	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	54%	Descriptive = 1	5	33%
Emerging = 2	5	33%	Emerging = 2	9	60%
Developing = 3	2	13%	Developing = 3	1	7%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	26%	Descriptive = 1	7	47%
Emerging $= 2$	10	67%	Emerging $= 2$	5	33%
Developing = 3	1	7%	Developing = 3	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	6	40%			
Emerging = 2	6	40%			
Developing = 3	3	20%			
Accomplished = 4	0	0%			
TOTAL	15	100%			

## GULF BREEZE MIDDLE SCHOOL (N = 15 observations): Spring 2018 YEAR TWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	6%	Descriptive = 1	2	6%
Emerging = $2$	6	19%	Emerging = 2	12	38%
Developing = $3$	23	72%	$\frac{\text{Developing} - 2}{\text{Developing} = 3}$	12	53%
Accomplished = $4$	1	3%	$\frac{1}{10000000000000000000000000000000000$	1/	3%
TOTAL	32	100%	TOTAL	32	100%
Critical Thinking	32	100%		32	100%
Integration			Critical Thinking		
Rating Levels	£	%	Problem Solving	f	%
Descriptive = 1	f 2		Rating Levels	1	
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$		<u>6%</u>	Descriptive = 1		3%
	16	50%	Emerging = $2$	13	41%
Developing = $3$	13	41%	Developing = 3	18	56%
Accomplished = 4	1	3%	Accomplished = 4	0	0%
TOTAL	32	100%		32	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	16%	Descriptive = 1	2	6%
Emerging = 2	10	31%	Emerging = 2	23	72%
Developing = 3	17	53%	Developing = 3	7	22%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	32	100%	TOTAL	32	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	9%	Descriptive = 1	3	10%
Emerging = 2	18	56%	Emerging $= 2$	11	34%
Developing = 3	11	34%	Developing = 3	17	53%
Accomplished = 4	0	0%	Accomplished = 4	1	3%
TOTAL	32	100%	TOTAL	32	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	1	3%			
Emerging = 2	20	63%			
Developing = 3	11	34%			
Accomplished = 4	0	0%			
TOTAL	32	100%			

# GULF BREEZE MIDDLE SCHOOL (N = 32 observations): Spring 2018 YEAR THREE

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	9	50%	Descriptive = 1	8	44%
Emerging = $2$	8	44%	Emerging = 2	10	56%
Developing = $3$	1	6%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking	10	10070	Critical Thinking	10	10070
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	72%	Descriptive = 1	7	39%
Emerging = 2	5	28%	Emerging = 2	11	61%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	475	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	11	61%	Descriptive = 1	16	89%
Emerging = 2	7	39%	Emerging $= 2$	2	11%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	72%	Descriptive = 1	13	72%
Emerging = 2	5	28%	Emerging = 2	5	28%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Collaboration					
Investigation					
Skills Rating	f	%			
Levels					
Descriptive = 1	13	72%			
Emerging = 2	5	28%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

#### WOODLAWN MIDDLE SCHOOL (N = 18 observations): Spring 2017 YEARTWO

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	19%	Descriptive = 1	2	12%
Emerging = 2	9	56%	Emerging = 2	11	69%
Developing = 3	4	25%	Developing = 3	3	19%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	19%	Descriptive = 1	3	19%
Emerging = 2	11	69%	Emerging = 2	10	62%
Developing = 3	2	12%	Developing = 3	3	19%
Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	3	19%
Emerging $= 2$	10	63%	Emerging $= 2$	13	81%
Developing = 3	2	12%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Communication			Collaboration		
Argumentation	C	0/	Team Work	C	0.(
Rating Levels	f 7	<mark>%</mark>	Rating Levels	f 2	<u>%</u>
Descriptive = $1$	7 8	44%	$\frac{\text{Descriptive} = 1}{\text{Emerging} = 2}$	<u>3</u> 10	19%
Emerging = $2$		50%	Emerging = $2$		62%
Developing = 3 Accomplished = 4	1	<u> </u>	Developing = 3 Accomplished = 4	3	19% 0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration	10	10070	IOIAL	10	10070
Investigation					
Skills Rating	f	%			
Descriptive = 1	6	37%			
Emerging $= 2$	7	44%			
Developing = 3	3	19%			
Accomplished $= 4$	0	0%			
TOTAL	16	100%			

WOODLAWN MIDDLE SCHOOL (N= 16 observations): Spring 2018 YEAR THREE

Creative Prep			Creative In quiny		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
-	-	-	-	-	
Emerging = 2	1	17%	Emerging = 2	1	17%
Developing = 3	5	83%	Developing = 3	5	83%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	6	100%	TOTAL	6	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	1	17%	Emerging = 2	2	33%
Developing = 3	5	83%	Developing = 3	4	67%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	6	100%		6	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	5	83%	Emerging $= 2$	6	100%
Developing = 3	1	17%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	6	100%	TOTAL	6	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	4	67%	Emerging $= 2$	1	17%
Developing = 3	2	33%	Developing = 3	5	83%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	6	100%	TOTAL	6	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	5	83%			
Developing = 3	1	17%			
Accomplished = $4$					
	0	0%			

# WOODLAWN MIDDLE SCHOOL (N = 6 observations): Spring 2019 YEAR 4

Careting Days					
Creative Prep	£	07	Creative Inquiry	r	0/
Rating Levels	f	%	Rating Levels	f	%
Descriptive = $1$	8	42%	Descriptive = 1	12	63%
Emerging = 2	11	58%	Emerging = $2$	7	37%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	13	68%	Descriptive = 1	14	74%
Emerging = 2	6	32%	Emerging = 2	5	26%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	1%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	89%	Descriptive = 1	14	36%
Emerging = 2	2	11%	Emerging $= 2$	5	56%
Developing $= 3$	0	0%	Developing $= 3$	0	6%
Accomplished = $4$	0	0%	Accomplished = 4	0	2%
TOTAL	19	100%	TOTAL	475	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	16	84%	Descriptive = 1	13	68%
Emerging = 2	3	16%	Emerging = 2	6	32%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = $4$	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%
Collaboration		10070			10070
Investigation					
Skills Rating	f	%			
Levels	1				
Descriptive = $1$	14	74%			
Emerging = $2$	5	26%			
Developing = $3$	0	0%			
Accomplished = $4$	0	0%			
TOTAL	19	100%			
IUIAL	17	100/0			

# HOLLEY NAVARRE MIDDLE SCHOOL (N = 19 observations): Spring 2017 YEAR ONE

Creative Prep Creative Inquiry f % f % Rating Levels Rating Levels 7 32% Descriptive = 12 9% Descriptive = 113 59% Emerging = 220 91% Emerging = 2Developing = 39% Developing = 30% 2 0 Accomplished = 4Accomplished = 40 0% 0 0% TOTAL 22 TOTAL 22 100% 100% **Critical Thinking** Critical Thinking Problem Solving Integration Rating Levels f % Rating Levels f % Descriptive = 1Descriptive = 19 41% 3 14% Emerging = 210 45% Emerging = 218 82% Developing = 34% Developing = 33 14% 1 Accomplished = 40 0% 0 0% Accomplished = 4TOTAL 100% TOTAL 22 22 100% Critical Thinking Communication Logical Thinking Data & Information Rating Levels f **Rating Levels** % f % Descriptive = 18 36% Descriptive = 113 59% Emerging = 2Emerging = 214 64% 9 41% Developing = 30% Developing = 30 0% 0 Accomplished = 40 0% Accomplished = 40 0% 22 TOTAL 100% TOTAL 22 100% Communication Collaboration Argumentation Team Work f % f % Rating Levels Rating Levels Descriptive = 1Descriptive = 15 12 23% 55% Emerging = 217 77% Emerging = 28 36% Developing = 30% Developing = 39% 0 2 Accomplished = 40% Accomplished = 40% 0 0 22 22 TOTAL 100% TOTAL 100% Collaboration Investigation **Skills Rating** % f Descriptive = 111 50% Emerging = 28 36% Developing = 33 14% Accomplished = 40 0% TOTAL 22 100%

HOLLEY NAVARRE MIDDLE SCHOOL (N= 22 observations): Spring 2018 (YEAR TWO

Creative Dron			Curative In minu		
Creative Prep Rating Levels	£	07	Creative Inquiry	f	%
Descriptive = 1	f	%	Rating Levels		
<b>A</b>	1	8%	Descriptive = $1$	1	8%
Emerging = $2$	8	61%	Emerging $= 2$	10	77%
Developing = 3	4	31%	Developing = 3	2	15%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Critical Thinking		
Integration		<b>a</b> (	Problem Solving		<b>2</b> (
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	8%	Descriptive = 1	1	8%
Emerging = 2	7	54%	Emerging = 2	5	38%
Developing = 3	4	30%	Developing = 3	7	54%
Accomplished = 4	1	8%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	3	23%	Descriptive = 1	7	54%
Emerging = 2	9	69%	Emerging $= 2$	5	38%
Developing = 3	1	8%	Developing = 3	1	8%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	2	15%	Descriptive = 1	5	38%
Emerging = 2	8	62%	Emerging $= 2$	2	16%
Developing = 3	3	23%	Developing = 3	6	46%
Accomplished = 4	0	0%	Accomplished $= 4$	0	0%
TOTAL	13	100%	TOTAL	13	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	3	23%			
Emerging = 2	7	54%			
Developing = $3$	3	23%			
Accomplished = $4$	0	0%			
TOTAL	13	100%			

HOLLEY NAVARRE MIDDLE SCHOOL (N = 13 observations): Spring 2019 (Year Four)

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         38 $61\%$ Descriptive = 1         47         76%           Emerging = 2         24 $39\%$ Emerging = 2         15 $24\%$ Developing = 3         0 $0\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Critical Thinking         Integration         Critical Thinking         Integration         100%         TOTAL         62         100%           Descriptive = 1         53 $86\%$ Descriptive = 1         45 $73\%$ Emerging = 2         9 $14\%$ Emerging = 2         17 $27\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Critical Thinking         Communication         Data & Information         Bata & Information         Bata & Information           Rating Levels         f         %         Rating Levels <td< th=""><th>Creative Prep</th><th></th><th></th><th>Creative Inquiry</th><th></th><th></th></td<>	Creative Prep			Creative Inquiry		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-	f	%		f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		38	61%		47	76%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Emerging = 2	24	39%	Emerging = 2	15	24%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       62       100%       TOTAL       62       100%         Critical Thinking Integration       Critical Thinking Problem Solving       62       100%         Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       53       86%       Descriptive = 1       45       73%         Emerging = 2       9       14%       Emerging = 2       17       27%         Developing = 3       0       0%       Accomplished = 4       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       62       100%       TOTAL       62       100%         Critical Thinking Logical Thinking Logical Thinking Rating Levels       f       %       Rating Levels       f       %         Descriptive = 1       50       81%       Descriptive = 1       38       61%         Developing = 3       0       0%       Accomplished = 4       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         Communication Argumentation<		0	0%		0	0%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Integration         Problem Solving         Problem Solving           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         53         86%         Descriptive = 1         45         73%           Emerging = 2         9         14%         Emerging = 2         17         27%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Critical Thinking Logical Thinking         Communication Data & Information         24         38           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         50         81%         Descriptive = 1         38         61%           Emerging = 2         12         19%         Emerging = 2         24         39%           Developing = 3         0         0%         Accomplished = 4         0         0%           Communication         Collaboration         TOTAL         62         100%         73%		62			62	
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         53         86%         Descriptive = 1         45         73%           Emerging = 2         9         14%         Emerging = 2         17         27%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         50         81%         Descriptive = 1         38         61%           Emerging = 2         12         19%         Emerging = 2         24         39%           Developing = 3         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           TOTAL         62         100%         TOTAL         62         100%           Communication         Collaboration         ToTAL         <	Critical Thinking			Critical Thinking		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Integration					
Emerging = 2         9         14%         Emerging = 2         17         27%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         50         81%         Descriptive = 1         38         61%           Emerging = 2         12         19%         Emerging = 2         24         39%           Developing = 3         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Communication Argumentation Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         58         94%         Descriptive = 1         45         73%           Emerging = 2         4         6%         Emerging = 2         17         27%           Developing = 3	Rating Levels			Rating Levels		%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-	53	86%	Descriptive = 1	45	73%
Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Critical Thinking Logical Thinking Rating Levelsf%Communication Data & Information Rating Levelsf%Descriptive = 15081%Descriptive = 13861%Emerging = 21219%Emerging = 22439%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Communication Argumentation Rating Levelsf%Rating LevelsfMaximal Levelsf%Rating Levelsf%Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Accomplished = 400%Accomplished = 400%Accomplished = 400%Collaboration Accomplished = 400%Accomplished = 400%Collaboration Investigation Skills Ratingf%Accomplished = 400%Descriptive = 14573%Emerging = 21727%Emerging = 2100%Collaboration Investigation Skills Ratingf%Accomplished = 400%Descriptive = 14573%Emergi	Emerging = 2		14%	Emerging $= 2$	17	27%
TOTAL62100%TOTAL62100%Critical Thinking Logical Thinking Rating Levelsf%Communication Data & Information Rating Levelsf%Descriptive = 150 $81\%$ Descriptive = 138 $61\%$ Emerging = 212 $19\%$ Emerging = 224 $39\%$ Developing = 30 $0\%$ Developing = 30 $0\%$ Accomplished = 40 $0\%$ Accomplished = 40 $0\%$ TOTAL62 $100\%$ TOTAL62 $100\%$ Communication Argumentation Rating Levelsf%More and a streng and a stren						
Critical Thinking Logical Thinking Rating LevelsCommunication $\beta$ Communication Data & Information Rating Levelsf%Descriptive = 150 $81\%$ Descriptive = 138 $61\%$ Emerging = 212 $19\%$ Emerging = 224 $39\%$ Developing = 30 $0\%$ Developing = 30 $0\%$ Accomplished = 40 $0\%$ Accomplished = 40 $0\%$ TOTAL62 $100\%$ TOTAL62 $100\%$ Communication Argumentation Rating Levelsf%Descriptive = 145Descriptive = 158 $94\%$ Descriptive = 145 $73\%$ Emerging = 24 $6\%$ Emerging = 2 $17$ $27\%$ Developing = 30 $0\%$ Developing = 30 $0\%$ Accomplished = 40 $0\%$ Developing = 30 $0\%$ Developing = 30 $0\%$ Developing = 30 $0\%$ Collaboration Investigation Skills Ratingf%Ito $10\%$ Ito $10\%$ Descriptive = 145 $73\%$ Ito $10\%$ Descriptive = 145	Accomplished $= 4$	0	0%	Accomplished $= 4$	0	0%
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 15081%Descriptive = 13861%Emerging = 21219%Emerging = 22439%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Communication Argumentation Rating Levelsf $\%$ Rating LevelsfMathematical Baseling = 246%Emerging = 21727%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%Communication Argumentation Rating Levelsf $\%$ %8Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Accomplished = 400%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Collaboration Investigation Skills Ratingf $\%$ 4Descriptive = 14573%44Descriptive = 14573%44Descriptive = 14573%44Descriptive = 14573%44<	TOTAL	62	100%	TOTAL	62	100%
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         50 $81\%$ Descriptive = 1         38 $61\%$ Emerging = 2         12 $19\%$ Emerging = 2         24 $39\%$ Developing = 3         0 $0\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ TOTAL         62 $100\%$ TOTAL         62 $100\%$ Communication         Collaboration         Team Work         Rating Levels         f         %           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         58 $94\%$ Descriptive = 1 $45$ $73\%$ Emerging = 2         4 $6\%$ Emerging = 2 $17$ $27\%$ Developing = 3         0 $0\%$ Developing = 3         0 $0\%$ Accomplished = 4         0 $0\%$ Accomplished = 4         0 $0\%$ Collaboration         Killl						
Descriptive = 1         50 $81\%$ Descriptive = 1 $38$ $61\%$ Emerging = 2         12         19%         Emerging = 2         24 $39\%$ Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Communication         Collaboration         Team Work         Rating Levels         f         %           Descriptive = 1         58         94%         Descriptive = 1         45         73%           Emerging = 2         4         6%         Emerging = 2         17         27%           Developing = 3         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Collaboration         No         No		f	%		f	%
Emerging = 2         12         19%         Emerging = 2         24         39%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Communication         Collaboration         Team Work         62         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         58         94%         Descriptive = 1         45         73%           Emerging = 2         4         6%         Emerging = 2         17         27%           Developing = 3         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Collaboration         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         Investigation         <	<u> </u>					
Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Communication         Collaboration         62         100%         TOTAL         62         100%           Communication         Collaboration         Team Work         62         100%         Team Work         73%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         58         94%         Descriptive = 1         45         73%           Emerging = 2         4         6%         Emerging = 2         17         27%           Developing = 3         0         0%         Accomplished = 4         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Collaboration         No         No         No         No         No           Descriptive = 1         45 <t< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>				-		
Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Collaboration Investigation Skills Ratingf%Descriptive = 14573%Emerging = 21727% </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
TOTAL62100%TOTAL62100%Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Collaboration Investigation Skills Ratingf%Descriptive = 14573%Descriptive = 14573%Descriptive = 14573%Descriptive = 14573%Descriptive = 14573%Descriptive = 14573%Emerging = 21727%						
Communication Argumentation Rating Levelsf%Collaboration Team Work Rating Levelsf%Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%Collaboration Investigation Skills Ratingf%Descriptive = 14573%Emerging = 21727% </td <td>-</td> <td>62</td> <td></td> <td>-</td> <td>62</td> <td></td>	-	62		-	62	
Rating Levelsf%Rating Levelsf%Descriptive = 15894%Descriptive = 14573%Emerging = 246%Emerging = 21727%Developing = 300%Developing = 300%Accomplished = 400%Accomplished = 400%TOTAL62100%TOTAL62100%CollaborationInvestigationInvestigationInvestigationInvestigationSkills Ratingf%InvestigationInvestigationInvestigationEmerging = 21727%InvestigationInvestigationInvestigationImage: Participation of the structure of the s		01	10070			10070
Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         58         94%         Descriptive = 1         45         73%           Emerging = 2         4         6%         Emerging = 2         17         27%           Developing = 3         0         0%         Developing = 3         0         0%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         62         100%         TOTAL         62         100%           Collaboration         Investigation         62         100%         TOTAL         62         100%           Descriptive = 1         45         73%         Image: 45         62         100%         Image: 45         62         100%	Argumentation			Team Work		
Emerging = 2       4       6%       Emerging = 2       17       27%         Developing = 3       0       0%       Developing = 3       0       0%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       62       100%       TOTAL       62       100%         Collaboration       Investigation       Investigation       Investigation       Investigation         Skills Rating       f       %       Investigation       Investigation       Investigation         Emerging = 2       17       27%       Investigation       Investigation       Investigation		f	%	Rating Levels	f	%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			94%			73%
Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       62       100%       TOTAL       62       100%         Collaboration       Investigation       Investin Investine       Investigation       Investig			6%		17	27%
TOTAL62100%TOTAL62100%Collaboration Investigation Skills Ratingf% $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ Descriptive = 14573% $\end{tabular}$ $\end{tabular}$ $\end{tabular}$ Emerging = 21727% $\end{tabular}$ $\end{tabular}$		0	0%	Developing = 3	0	0%
Collaboration Investigationf%Skills Ratingf%Descriptive = 14573%Emerging = 21727%		-			-	
Investigation Skills Ratingf%Descriptive = 14573%Emerging = 21727%		62	100%	TOTAL	62	100%
Skills Ratingf%Descriptive = 145 $73\%$ Emerging = 217 $27\%$						
Descriptive = 1         45 $73\%$ Emerging = 2         17 $27\%$	<u> </u>	c	0.4			
Emerging = 2 17 27%		-				
Developing $= 5$ 0 $0/6$ Accomplished $= 4$ 0 $0\%$						
TOTAL         62         100%	*					

#### PACE HIGH SCHOOL (N = 62 observations): Spring 2018 (YEAR ONE)

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = $2$	3	6%	Emerging = 2	13	24%
Developing = $3$	48	88%	$\frac{\text{Developing} = 2}{\text{Developing} = 3}$	41	76%
Accomplished = $4$	3	6%	Accomplished = 4	0	0%
TOTAL	54	100%	TOTAL	54	100%
Critical Thinking	34	100%		34	100%
Integration			Critical Thinking		
Rating Levels	f	%	Problem Solving	f	%
Descriptive = 1	0	0%	Rating Levels	0	0%
Emerging = 2	-		Descriptive = 1	-	
	15	28%	Emerging = $2$	22	41%
Developing = $3$	39	72%	$\frac{\text{Developing} = 3}{1 + 1 + 4}$	32	59%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	54	100%	TOTAL	54	100%
Critical Thinking Logical Thinking			Communication		
Rating Levels	C	0 /	Data & Information	C	0.(
-	f	%	Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	4%
Emerging = 2	24	44%	Emerging = 2	24	44%
Developing = 3	30	56%	Developing = 3	27	50%
Accomplished = 4	0	0%	Accomplished = 4	1	2%
TOTAL	54	100%	TOTAL	54	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	8	15%	Descriptive = 1	32	59%
Emerging = 2	29	54%	Emerging = 2	12	22%
Developing = 3	17	31%	Developing = 3	9	17%
Accomplished = 4	0	0%	Accomplished = 4	1	2%
TOTAL	54	100%	TOTAL	54	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	32	59%			
Emerging = 2	12	22%			
Developing = 3	9	17%			
Accomplished = 4	1	2%			
TOTAL	54	100%			

## PACE HIGH SCHOOL (N = 54 observations): Spring 2019 (YEAR TWO)

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	15	34%	Descriptive = 1	11	25%
Emerging = 2	27	61%	Emerging = 2	32	73%
Developing = 3	2	5%	Developing = 3	1	2%
Accomplished $= 4$	0	0%	Accomplished = $4$	0	0%
TOTAL	44	100%	TOTAL	44	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	20	45%	Descriptive = 1	14	32%
Emerging = 2	20	45%	Emerging = 2	29	66%
Developing = 3	4	10%	Developing = 3	1	2%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	44	100%	TOTAL	44	100%
Critical Thinking			Communication		
Logical Thinking	C	0.4	Data & Information	C	
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	19	43%	Descriptive = 1	23	52%
Emerging = 2	25	57%	Emerging = 2	20	46%
Developing = 3	0	0%	Developing = 3	1	2%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	44	100%	TOTAL	44	100%
Communication			Collaboration		
Argumentation	C	0.4	Team Work	C	
Rating Levels	f	% 2.6%	Rating Levels	f 20	%
Descriptive = $1$	16	36%	$\frac{\text{Descriptive} = 1}{2}$	29	67%
Emerging = $2$	28	64%	Emerging $= 2$	12	27%
$\frac{\text{Developing} = 3}{4}$	0	0%	Developing = 3	3	6%
Accomplished = 4 TOTAL	0 44	0% 100%	Accomplished = 4 TOTAL	0 44	0% 100%
Collaboration	44	100%	IUIAL	44	10070
Investigation					
Skills Rating	f	%			
Descriptive = $1$	23	52%			
Emerging = $2$	20	46%			
Developing = 3	1	2%			
Accomplished = $4$	0	0%			
TOTAL	44	100%			

## NAVARRE HIGH SCHOOL (N=44 observations): Fall/Spring 2018 (YEAR ONE)

Creative Prep			Creative In quiny
Rating Levels	f	%	Creative InquiryRating Levelsf
Descriptive = 1	4	10%	Rating Levels1 $\gamma_0$ Descriptive = 1410%
$\frac{\text{Descriptive} - 1}{\text{Emerging} = 2}$	9		$\begin{array}{c c c c c c c c c c c c c c c c c c c $
		24%	66
Developing = $3$	<u>20</u> 5	53%	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Accomplished = 4		13%	Accomplished = $4$ 1 3%
TOTAL	38	100%	TOTAL 38 100%
Critical Thinking Integration			Critical Thinking
Rating Levels	C	0.4	Problem Solving
, e	f	%	Rating Levelsf%Description2200/
Descriptive = 1	1	3%	Descriptive = 1 3 8%
Emerging = 2	12	31%	$Emerging = 2 \qquad 12 \qquad 31\%$
Developing = 3	24	63%	$Developing = 3 \qquad 20 \qquad 53\%$
Accomplished = 4	1	3%	Accomplished = 4 3 8%
TOTAL	38	100%	38 100%
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	8	21%	Descriptive = $1$ 3 8%
Emerging = 2	6	16%	Emerging = 2 18 47%
Developing = 3	24	63%	Developing = $3$ 16 42%
Accomplished = 4	0	0%	Accomplished = $4$ 1 3%
TOTAL	38	100%	TOTAL 38 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	5	13%	Descriptive = $1$ 6 $16\%$
Emerging = 2	17	45%	Emerging = 2   7  18%
Developing = 3	16	42%	Developing = $3$ 19 50%
Accomplished = 4	0	0%	Accomplished = $4$ 6 16%
TOTAL	38	100%	TOTAL 38 100%
Collaboration			
Investigation Skills			
Rating Levels	f	%	
Descriptive = 1	6	16%	
Emerging = 2	12	31%	
Developing = 3			
	14	37%	
Accomplished = $4$	<u>14</u> 6	<u> </u>	

# NAVARRE HIGH SCHOOL (N = 38 observations): Fall/Spring 2019 (YEAR TWO)

Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         13         33%         Descriptive = 1         5         13%           Emerging = 2         23         59%         Emerging = 2         30         77%           Developing = 3         3         8%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Integration         Critical Thinking         9         100%         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         17         43%         Descriptive = 1         12         31%           Emerging = 2         21         54%         Emerging = 2         23         59%           Developing = 3         1         3%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Critical Thinking Logical Thinking Logical Thinking Logical Thinking Logical Thinking<	Creative Prep			Creative Inquiry		
Image: Constraint of the second system is a system of the syst	Rating Levels	f	%	Rating Levels		%
Developing = 3         3         8%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Integration         Critical Thinking         707AL         39         100%           Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         17         43%         Descriptive = 1         12         31%           Emerging = 2         21         54%         Emerging = 2         23         59%           Developing = 3         1         3%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         54%         Descriptive = 1         18         46%           Emerging = 2         17         44%	Descriptive = 1	13	33%	Descriptive = 1	5	13%
Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Integration Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         17         43%         Descriptive = 1         12         31%           Emerging = 2         21         54%         Emerging = 2         23         59%           Developing = 3         1         3%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         54%         Descriptive = 1         18         46%           Emerging = 2         17         44%         Emerging = 2         20         51%           Developing = 3         1         2%         Developing = 3         1         3%           Accomplished = 4         0<	Emerging = 2	23	59%	Emerging = 2	30	77%
TOTAL39100%TOTAL39100%Critical Thinking Integration Rating Levelsf%Critical Thinking Problem Solving Rating Levelsf%Descriptive = 11743%Descriptive = 11231%Emerging = 22154%Emerging = 22359%Developing = 313%Developing = 3410%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%MDescriptive = 12154%Descriptive = 118Accomplished = 400%Rating Levelsf%Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Communication0%Accomplished = 400%Accomplished = 400%Accomplished = 400%0%Accomplished = 400%Complished = 400%Accomplished = 400%0%Accomplished = 400%Collaboration0%Collaboration0%	Developing = 3	3	8%	Developing = 3	4	10%
Critical Thinking Integration Rating Levelsf%Critical Thinking Problem Solving Rating Levelsf%Descriptive = 11743%Descriptive = 11231%Emerging = 22154%Emerging = 22359%Developing = 313%Developing = 3410%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%Rating Levelsf%Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%	Accomplished = 4	0	0%	Accomplished = 4	0	0%
Integration Rating Levelsf%Problem Solving Rating Levelsf%Descriptive = 11743%Descriptive = 11231%Emerging = 22154%Emerging = 22359%Developing = 313%Developing = 3410%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%Rating LevelsfMathematical Thinking Rating Levels2154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%		39	100%		39	100%
Rating Levelsf%Rating Levelsf%Descriptive = 11743%Descriptive = 11231%Emerging = 22154%Emerging = 22359%Developing = 313%Developing = 3410%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%Rating Levelsf%Rating Levelsf%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%				Ũ		
Descriptive = 1         17         43%         Descriptive = 1         12         31%           Emerging = 2         21         54%         Emerging = 2         23         59%           Developing = 3         1         3%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Rating Levels         f         %           Descriptive = 1         21         54%         Descriptive = 1         18         46%           Emerging = 2         17         44%         Emerging = 2         20         51%           Developing = 3         1         2%         Developing = 3         1         3%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           Developing = 3         1         2%         Developing = 3         1         3%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100	e	2		e	2	
Emerging = 2         21         54%         Emerging = 2         23         59%           Developing = 3         1         3%         Developing = 3         4         10%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Critical Thinking Logical Thinking Rating Levels         f         %         Communication Data & Information Rating Levels         f         %           Descriptive = 1         21         54%         Descriptive = 1         18         46%           Emerging = 2         17         44%         Emerging = 2         20         51%           Developing = 3         1         2%         Developing = 3         1         3%           Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%						
Developing = 3       1 $3\%$ Developing = 3       4 $10\%$ Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       39       100%       TOTAL       39       100%         Critical Thinking Logical Thinking Rating Levels       6       Communication Data & Information Rating Levels       6       %         Descriptive = 1       21       54%       Descriptive = 1       18       46%         Emerging = 2       17       44%       Emerging = 2       20       51%         Developing = 3       1       2%       Developing = 3       1       3%         Accomplished = 4       0       0%       Accomplished = 4       0       0%         TOTAL       39       100%       TOTAL       39       100%	_					31%
Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%Communication Data & Information Rating LevelsfDescriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%						
TOTAL39100%TOTAL39100%Critical Thinking Logical Thinking Rating Levelsf%Communication Data & Information Rating Levelsf%Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%						
Critical Thinking Logical Thinking Rating Levelsf%Communication Data & Information Rating Levelsf%Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%	_	0	0%		0	0%
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%	TOTAL	39	100%	TOTAL	39	100%
Logical Thinking Rating Levelsf $\%$ Data & Information Rating Levelsf $\%$ Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%	Critical Thinking			Communication		
Descriptive = 12154%Descriptive = 11846%Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%CommunicationCollaborationCollaborationCollaboration				Data & Information		
Emerging = 21744%Emerging = 22051%Developing = 312%Developing = 313%Accomplished = 400%Accomplished = 400%TOTAL39100%TOTAL39100%CommunicationCollaborationCollaborationCollaboration	Rating Levels	f	%	Rating Levels	f	%
Developing = 3         1 $2\%$ Developing = 3         1 $3\%$ Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Communication         Collaboration         Collaboration         Collaboration         Collaboration	Descriptive = 1	21	54%	Descriptive = 1	18	46%
Developing = 3         1 $2\%$ Developing = 3         1 $3\%$ Accomplished = 4         0         0%         Accomplished = 4         0         0%           TOTAL         39         100%         TOTAL         39         100%           Communication         Collaboration         Collaboration         Collaboration         Collaboration	Emerging = 2	17	44%	Emerging = 2	20	51%
TOTAL39100%TOTAL39100%CommunicationCollaboration		1	2%		1	3%
Communication Collaboration	Accomplished = 4	0	0%	Accomplished = 4	0	0%
	TOTAL	39	100%	TOTAL	39	100%
Argumentation Team Work	Communication			Collaboration		
Rating Levelsf%					-	
Descriptive = 1         19         49%         Descriptive = 1         15         38%		-				
Emerging = 2         18         46%         Emerging = 2         21         54%						
Developing = 3         2         5%         Developing = 3         3         8%						
Accomplished = 40 $0\%$ Accomplished = 40 $0\%$					-	
TOTAL         39         100%         TOTAL         39         100%		39	100%	TOTAL	39	100%
Collaboration						
Investigation     Investigation       Skills Rating     f		£	0/			
Skills Ratingf%Descriptive = 117 $44\%$						
Descriptive - 1         17         44%           Emerging = 2         21 $54\%$						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
Developing $= 5$ 1 $270$ Accomplished $= 4$ 00%						
TOTAL         39         100%	*					

GULF BREEZE HIGH SCHOOL (N=39 observations): Fall/Spring 2018 (YEAR 1)

Creative Prep			Creative In quint		
Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	70	 Descriptive = 1	3	11%
Emerging = 2	<u>2</u> 8		1	<u> </u>	32%
	<u> </u>	29%	 $\frac{\text{Emerging} = 2}{\text{Developing} = 2}$	15	
Developing = $3$		61%	Developing = 3		54%
Accomplished = 4 TOTAL	1	3%	Accomplished = 4	1	4%
	28	100%	TOTAL	28	100%
Critical Thinking Integration			Critical Thinking		
Rating Levels	C	0./	Problem Solving	C	0.4
Ū.	f	%	Rating Levels	f	%
Descriptive = 1	3	11%	Descriptive = 1	0	0%
Emerging = 2	9	32%	Emerging = 2	10	36%
Developing = 3	15	54%	Developing = 3	17	61%
Accomplished = 4	1	3%	Accomplished = 4	1	3%
TOTAL	28	100%		28	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	1	3%	Descriptive = 1	7	25%
Emerging = 2	9	33%	Emerging $= 2$	6	21%
Developing = 3	17	61%	Developing = 3	13	47%
Accomplished = 4	1	3%	Accomplished = 4	2	7%
TOTAL	28	100%	TOTAL	28	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	5	18%	Descriptive = 1	4	14%
Emerging = 2	15	54%	Emerging $= 2$	6	22%
Developing = 3	8	28%	Developing = 3	14	50%
Accomplished = 4	0	0%	Accomplished = 4	4	14%
TOTAL	28	100%	TOTAL	28	100%
Collaboration					
Investigation Skills					
Rating Levels	f	%			
Descriptive = 1	1	3%			
Emerging = 2	14	50%			
Developing = 3	12	44%			
Accomplished = 4	1	3%			
TOTAL	28	100%			

GULF BREEZE HIGH SCHOOL (N= 28 observations): Fall/Spring 2019 (Year Two)

Creative Prep			Creative Inquiry		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	42	82%	Descriptive = 1	38	75%
Emerging = 2	9	18%	Emerging = 2	13	25%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	51	100%	TOTAL	51	100%
Critical Thinking			Critical Thinking		
Integration			Problem Solving		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	48	94%	Descriptive = 1	42	82%
Emerging = 2	3	6%	Emerging = 2	8	16%
Developing = 3	0	0%	Developing = 3	1	2%
Accomplished $= 4$	0	0%	Accomplished = 4	0	0%
TOTAL	51	100%	TOTAL	51	100%
Critical Thinking			Communication		
Logical Thinking			Data & Information		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	17	33%	Descriptive = 1	45	88%
Emerging = 2	34	67%	Emerging = 2	6	12%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	51	100%	TOTAL	51	100%
Communication			Collaboration		
Argumentation			Team Work		
Rating Levels	f	%	Rating Levels	f	%
Descriptive = 1	47	92%	Descriptive = 1	48	94%
Emerging = 2	4	8%	Emerging = 2	3	6%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	51	100%	TOTAL	51	100%
Collaboration					
Investigation	£	07			
$\frac{\text{Skills Rating}}{\text{Decorinting}} = 1$	f	<mark>%</mark> 98%			
Descriptive = 1 Emerging = 2	50	<u>98%</u> 2%			
$\frac{\text{Emerging} = 2}{\text{Developing} = 3}$	1 0	<u> </u>			
Accomplished = $4$	0	0%			
TOTAL	51	100%			
IUIAL	51	100/0			

#### MILTON HIGH SCHOOL (N=51 observations): Fall/Spring 2018 (YEAR ONE)

Creative Prep				Creative Inquiry		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	2	4%	-	Descriptive = $1$	2	4%
Emerging = $2$	2	4%		$\frac{\text{Emerging}}{\text{Emerging}} = 2$	7	15%
Developing = $3$	42	92%		$\frac{\text{Developing}}{\text{Developing}} = 3$	37	81%
Accomplished = 4	0	0%		$\frac{\text{Beveloping}  5}{\text{Accomplished} = 4}$	0	0%
TOTAL	46	100%		TOTAL	46	100%
Critical Thinking	-10	10070		Critical Thinking		10070
Integration				Problem Solving		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	2	4%		Descriptive = $1$	0	0%
Emerging = $2$	0	0%		Emerging = $2$	5	11%
Developing = 3	44	96%		Developing = $3$	40	87%
Accomplished = 4	0	0%		Accomplished = $4$	1	2%
TOTAL	46	100%			46	100%
Critical Thinking	10	10070		Communication	10	10070
Logical Thinking				Data & Information		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive $= 1$	0	0%
Emerging $= 2$	5	11%	_	Emerging = $2$	7	15%
Developing = 3	41	89%		Developing = 3	39	85%
Accomplished = $4$	0	0%		Accomplished = $4$	0	0%
TOTAL	46	100%		TOTAL	46	100%
Communication				Collaboration		
Argumentation				Team Work		
Rating Levels	f	%		Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive = 1	0	0%
Emerging = 2	23	50%		Emerging $= 2$	18	39%
Developing = 3	23	50%		Developing $= 3$	27	59%
Accomplished = 4	0	0%		Accomplished $= 4$	1	2%
TOTAL	46	100%		TOTAL		
Collaboration						
Investigation Skills						
Rating Levels	f	%				
Descriptive = 1	0	0%				
Emerging = 2	17	37%				
Developing = 3	27	59%				
Accomplished = 4	2	4%				
TOTAL	46	100%				

## MILTON HIGH SCHOOL (N = 46 observations): Fall/Spring 2019 (YEAR TWO)

Creative Dress			Constinue La series
Creative Prep Rating Levels	C	07	Creative Inquiry
	f	%	Rating Levels   f   %
Descriptive = 1	2	20%	$Descriptive = 1 \qquad 1 \qquad 10\%$
Emerging = 2	5	50%	$Emerging = 2 \qquad 6 \qquad 60\%$
Developing = 3	2	20%	Developing = 3 3 30%
Accomplished = 4	1	10%	Accomplished = $4$ 0 0%
TOTAL	10	100%	TOTAL 10 100%
Critical Thinking			Critical Thinking
Integration			Problem Solving
Rating Levels	f	%	Rating Levelsf
Descriptive = 1	0	0%	Descriptive = 1 2 20%
Emerging = 2	7	70%	Emerging = 2   1   10%
Developing = 3	3	30%	Developing = $3$ 7 70%
Accomplished = 4	0	0%	Accomplished = $4$ 0 0%
TOTAL	10	100%	10 100%
Critical Thinking			Communication
Logical Thinking			Data & Information
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	1	10%	Descriptive = $1$ 4 40%
Emerging = 2	8	80%	$Emerging = 2 \qquad 5 \qquad 50\%$
Developing = 3	1	10%	Developing = $3$ 1 10%
Accomplished = 4	0	0%	Accomplished = $4$ 0 0%
TOTAL	10	100%	TOTAL 10 100%
Communication			Collaboration
Argumentation			Team Work
Rating Levels	f	%	Rating Levels f %
Descriptive = 1	3	30%	Descriptive = 1 $2$ 20%
Emerging = 2	5	50%	$Emerging = 2 \qquad 3 \qquad 30\%$
Developing = 3	2	20%	Developing = $3$ $30\%$
Accomplished = 4	0	0%	Accomplished = $4$ 2 20%
TOTAL	10	100%	TOTAL 10 100%
Collaboration			
Investigation Skills			
Rating Levels	f	%	
Descriptive = 1	2	20%	
Emerging = 2	7	70%	
Developing = 3	1	10%	
Accomplished = 4	0	0%	
TOTAL	10	100%	

## WYNNHAVEN BEACH MIDDLE (N = 10 observations) Fall/Spring 2019 YEAR ONE