

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)

October 21, 2019 (Delivery Date)

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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.

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2017** (N= 475) YEAR 2

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	141	30%	Descriptive = 1	160	34%
Emerging = 2	291	61%	Emerging = 2	265	56%
Developing = 3	36	8%	Developing = 3	42	9%
Accomplished = 4	7	1%	Accomplished = 4	8	1%
TOTAL	475	100%	TOTAL	475	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	181	38%	Descriptive = 1	189	40%
Emerging = 2	246	52%	Emerging = 2	244	51%
Developing = 3	41	9%	Developing = 3	39	8%
Accomplished = 4	7	1%	Accomplished = 4	3	1%
TOTAL	475	100%	TOTAL	475	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2018** (N= 532) YEAR 3

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	532	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2019** (N= 685) YEAR 4

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	95	14%	Descriptive = 1	100	14%
Emerging = 2	268	39%	Emerging = 2	295	43%
Developing = 3	310	45%	Developing = 3	287	42%
Accomplished = 4	12	2%	Accomplished = 4	3	1%
TOTAL	685	100%	TOTAL	685	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 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%	TOTAL	685	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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	685	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	14	70%	Descriptive = 1	13	65%
Emerging = 2	6	30%	Emerging = 2	7	35%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	12	60%			
Emerging = 2	8	40%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	1	6%
Emerging = 2	11	69%	Emerging = 2	13	81%
Developing = 3	1	6%	Developing = 3	2	13%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	8	50%			
Emerging = 2	7	44%			
Developing = 3	1	6%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	17	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	4	24%			
Emerging = 2	10	59%			
Developing = 3	3	17%			
Accomplished = 4	0	0%			
TOTAL	17	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	24	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	8	50%			
Developing = 3	6	38%			
Accomplished = 4	2	12%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	7	32%			
Emerging = 2	13	59%			
Developing = 3	2	9%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	11%	Descriptive = 1	0	26%
Emerging = 2	2	26%	Emerging = 2	5	42%
Developing = 3	5	0%	Developing = 3	8	32%
Accomplished = 4	12	63%	Accomplished = 4	6	0%
TOTAL	19	100%	TOTAL	19	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	19	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	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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	2	10%			
Developing = 3	6	32%			
Accomplished = 4	11	58%			
TOTAL	19	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating Levels	f	%			
Descriptive = 1	16	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	4	17%			
Emerging = 2	20	83%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	14	58%	Emerging = 2	16	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	24	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
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 Level	f	%			
Descriptive = 1	0	0%			
Emerging = 2	14	58%			
Developing = 3	3	13%			
Accomplished = 4	7	29%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%		Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive = 1	0	0%
Emerging = 2	14	82%		Emerging = 2	14	82%
Developing = 3	3	18%		Developing = 3	3	18%
Accomplished = 4	0	0%		Accomplished = 4	0	0%
TOTAL	17	100%		TOTAL	17	100%
Critical Thinking Integration Rating Levels	f	%		Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	3	18%		Descriptive = 1	1	6%
Emerging = 2	11	64%		Emerging = 2	12	71%
Developing = 3	3	18%		Developing = 3	4	23%
Accomplished = 4	0	0%		Accomplished = 4	0	0%
TOTAL	17	100%		TOTAL	17	100%
Critical Thinking Logical Thinking Rating Levels	f	%		Communication Data & Information Rating Levels	f	%
Descriptive = 1	3	18%		Descriptive = 1	1	6%
Emerging = 2	11	64%		Emerging = 2	13	76%
Developing = 3	3	18%		Developing = 3	3	18%
Accomplished = 4	0	0%		Accomplished = 4	0	0%
TOTAL	17	100%		TOTAL	17	100%
Communication Argumentation Rating Levels	f	%		Collaboration Team Work Rating Levels	f	%
Descriptive = 1	10	59%		Descriptive = 1	1	6%
Emerging = 2	6	35%		Emerging = 2	15	88%
Developing = 3	1	6%		Developing = 3	1	6%
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	16	94%				
Developing = 3	1	6%				
Accomplished = 4	0	0%				
TOTAL	17	100%				

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	14	100%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	14	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	2	13%
Emerging = 2	10	63%	Emerging = 2	12	74%
Developing = 3	2	12%	Developing = 3	2	13%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	4	25%
Emerging = 2	14	87%	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%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	4	25%			
Emerging = 2	12	75%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	14	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Level	f	%			
Descriptive = 1	0	0%			
Emerging = 2	0	0%			
Developing = 3	10	71%			
Accomplished = 4	4	29%			
TOTAL	14	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	33%	Emerging = 2	7	39%
Developing = 3	12	67%	Developing = 3	11	61%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	33%	Emerging = 2	9	50%
Developing = 3	12	67%	Developing = 3	9	50%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Investigation Skills Rating Levels	f	%			
Descriptive = 1	20	95%			
Emerging = 2	1	5%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	21	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	9	53%	Descriptive = 1	16	94%
Emerging = 2	8	47%	Emerging = 2	1	6%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	17	100%	TOTAL	17	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	14	82%	Descriptive = 1	14	82%
Emerging = 2	3	18%	Emerging = 2	3	18%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	17	100%	TOTAL	20	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	16	94%			
Emerging = 2	1	6%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	17	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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	%	Critical Thinking 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%	TOTAL	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	%	Collaboration Team Work 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 Rating Levels	f	%			
Descriptive = 1	1	3%			
Emerging = 2	13	43%			
Developing = 3	13	43%			
Accomplished = 4	3	10%			
TOTAL	30	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	9	50%	Descriptive = 1	13	72%
Emerging = 2	9	50%	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%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	13	72%	Descriptive = 1	12	67%
Emerging = 2	5	28%	Emerging = 2	6	33%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	15	83%	Descriptive = 1	8	44%
Emerging = 2	3	17%	Emerging = 2	10	56%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	12	67%	Descriptive = 1	13	72%
Emerging = 2	6	33%	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 Levels	f	%			
Descriptive = 1	11	61%			
Emerging = 2	7	39%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	20	83%			
Emerging = 2	4	17%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	32	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Rating Levels	f	%			
Descriptive = 1	18	56%			
Emerging = 2	7	22%			
Developing = 3	6	19%			
Accomplished = 4	1	3%			
TOTAL	32	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	16	80%			
Emerging = 2	4	20%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	5	26%			
Emerging = 2	12	63%			
Developing = 3	2	11%			
Accomplished = 4	0	0%			
TOTAL	19	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	5	33%
Emerging = 2	13	87%	Emerging = 2	7	47%
Developing = 3	0	0%	Developing = 3	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	3	20%	Descriptive = 1	1	7%
Emerging = 2	10	67%	Emerging = 2	13	86%
Developing = 3	2	13%	Developing = 3	1	7%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	2	13%
Emerging = 2	9	60%	Emerging = 2	13	87%
Developing = 3	4	27%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work 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	3	20%			
Emerging = 2	12	80%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	15	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking 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%	TOTAL	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	%	Collaboration Team Work 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 Rating Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	9	41%			
Developing = 3	13	59%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	6	27%	Descriptive = 1	9	41%
Emerging = 2	10	46%	Emerging = 2	3	14%
Developing = 3	6	27%	Developing = 3	6	27%
Accomplished = 4	0	0%	Accomplished = 4	4	18%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	13	59%			
Emerging = 2	3	14%			
Developing = 3	6	27%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

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

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

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating	f	%			
Descriptive = 1	0	0%			
Emerging = 2	9	56%			
Developing = 3	6	38 %			
Accomplished = 4	1	6%			
TOTAL	15	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	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%
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%			
Emerging = 2	11	61%			
Developing = 3	5	28%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	18	90%			
Emerging = 2	2	10%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	7	70%	Emerging = 2	7	70%
Developing = 3	1	10%	Developing = 3	1	10%
Accomplished = 4	2	20%	Accomplished = 4	2	20%
TOTAL	10	100%	TOTAL	10	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	7	70%			
Developing = 3	1	10%			
Accomplished = 4	2	20%			
TOTAL	10	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	6	38%	Emerging = 2	6	38%
Developing = 3	9	56%	Developing = 3	9	56%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	12%
Emerging = 2	6	38%	Emerging = 2	6	38%
Developing = 3	9	56%	Developing = 3	7	44%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	13%
Emerging = 2	8	50%	Emerging = 2	8	50%
Developing = 3	7	44%	Developing = 3	5	31%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	2	12%	Descriptive = 1	4	25%
Emerging = 2	6	38%	Emerging = 2	4	25%
Developing = 3	7	44%	Developing = 3	7	44%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Collaboration Investigation Skills Rating	f	%			
Descriptive = 1	2	12%			
Emerging = 2	6	38%			
Developing = 3	7	44%			
Accomplished = 4	1	6%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Rating Levels	f	%			
Descriptive = 1	3	23%			
Emerging = 2	7	54%			
Developing = 3	3	23%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	10	50%			
Emerging = 2	8	40%			
Developing = 3	2	10%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%		Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%		Descriptive = 1	2	13%
Emerging = 2	9	56%		Emerging = 2	5	31%
Developing = 3	5	31%		Developing = 3	7	43%
Accomplished = 4	2	13%		Accomplished = 4	2	13%
TOTAL	16	100%		TOTAL	16	100%
Critical Thinking Integration Rating Levels	f	%		Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	2	13%		Descriptive = 1	2	13%
Emerging = 2	7	43%		Emerging = 2	8	49%
Developing = 3	6	38%		Developing = 3	6	38%
Accomplished = 4	1	6%		Accomplished = 4	0	0%
TOTAL	16	100%		TOTAL	16	100%
Critical Thinking Logical Thinking Rating Levels	f	%		Communication Data & Information 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 Argumentation Rating Levels	f	%		Collaboration Team Work 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 Levels	f	%				
Descriptive = 1	0	0%				
Emerging = 2	11	69%				
Developing = 3	5	31%				
Accomplished = 4	0	0%				
TOTAL	16	100%				

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	4	25%	Emerging = 2	7	44%
Developing = 3	9	56%	Developing = 3	5	31%
Accomplished = 4	3	19%	Accomplished = 4	4	25%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	1	6%
Emerging = 2	9	56%	Emerging = 2	9	56%
Developing = 3	5	31%	Developing = 3	6	38%
Accomplished = 4	2	13%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	11	69%	Emerging = 2	11	69%
Developing = 3	3	19%	Developing = 3	3	19%
Accomplished = 4	2	12%	Accomplished = 4	2	12%
TOTAL	16	100%	TOTAL	16	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	4	25%	Descriptive = 1	6	38%
Emerging = 2	9	56%	Emerging = 2	7	44%
Developing = 3	2	13%	Developing = 3	2	12%
Accomplished = 4	1	6%	Accomplished = 4	1	6%
TOTAL	16	100%	TOTAL	16	100%
Collaboration Investigation Skills Rating	f	%			
Descriptive = 1	1	6%			
Emerging = 2	9	56%			
Developing = 3	5	32%			
Accomplished = 4	1	6%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	10	30%	Descriptive = 1	16	49%
Emerging = 2	23	70%	Emerging = 2	13	39%
Developing = 3	0	0%	Developing = 3	4	12%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	33	100%	TOTAL	33	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	33	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating Levels	f	%			
Descriptive = 1	13	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	30	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	30	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 = 13 OBSERVATIONS): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	13	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	0	0%			
Emerging = 2	4	15%			
Developing = 3	22	85%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	2	12%
Emerging = 2	16	100%	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%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2018 YEAR THREE

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 = 14 observations): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	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%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	4	29%	Emerging = 2	6	43%
Developing = 3	10	71%	Developing = 3	8	57%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	5	36%
Emerging = 2	8	57%	Emerging = 2	6	43%
Developing = 3	6	43%	Developing = 3	3	21%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Collaboration Investigation Skills Rating Levels	f	%			
Descriptive = 1	5	36%			
Emerging = 2	6	43%			
Developing = 3	3	21%			
Accomplished = 4	0	0%			
TOTAL	14	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	50%	Descriptive = 1	7	88%
Emerging = 2	4	50%	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%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	7	88%	Descriptive = 1	5	63%
Emerging = 2	1	12%	Emerging = 2	3	37%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	8	100%	TOTAL	8	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	8	100%			
Emerging = 2	0	0%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	8	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2018 YEAR THREE

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 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	%	Collaboration Team Work 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 Skills Rating	f	%			
Descriptive = 1	18	75%			
Emerging = 2	4	17%			
Developing = 3	2	8%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	5	36%	Emerging = 2	6	43%
Developing = 3	9	64%	Developing = 3	8	57%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	1	7%
Emerging = 2	5	36%	Emerging = 2	2	14%
Developing = 3	0	0%	Developing = 3	11	79%
Accomplished = 4	9	64%	Accomplished = 4	0	0%
TOTAL	14	100%	TOTAL	14	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	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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	15	94%			
Emerging = 2	1	6%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	16	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	20	46%	Descriptive = 1	20	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	38	88%	Descriptive = 1	43	100%
Emerging = 2	5	12%	Emerging = 2	0	0%
Developing = 3	0	6%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	43	100%	TOTAL	43	100%
Collaboration Investigation Skills Rating Levels	f	%			
Descriptive = 1	31	72%			
Emerging = 2	11	26%			
Developing = 3	1	2%			
Accomplished = 4	0	0%			
TOTAL	43	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating	f	%			
Descriptive = 1	22	92%			
Emerging = 2	2	8%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	2	9%	Emerging = 2	6	27%
Developing = 3	20	91%	Developing = 3	16	73%
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	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%	TOTAL	22	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating Levels	f	%			
Descriptive = 1	12	60%			
Emerging = 2	6	30%			
Developing = 3	2	10%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	3	22%
Emerging = 2	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	1	7%			
Emerging = 2	12	86%			
Developing = 3	1	7%			
Accomplished = 4	0	0%			
TOTAL	14	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	9	45%	Descriptive = 1	8	40%
Emerging = 2	11	55%	Emerging = 2	9	45%
Developing = 3	0	0%	Developing = 3	3	15%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	20	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	16	62%	Descriptive = 1	16	62%
Emerging = 2	10	38%	Emerging = 2	9	36%
Developing = 3	0	0%	Developing = 3	1	4%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	17	65%			
Emerging = 2	8	31%			
Developing = 3	1	4%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
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 2018 YEAR THREE

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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= 25 observations): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	8%	Descriptive = 1	1	4%
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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	25	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	19	91%			
Emerging = 2	2	9%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	21	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	3	23%	Descriptive = 1	3	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	7	44%	Descriptive = 1	2	15%
Emerging = 2	6	50%	Emerging = 2	11	85%
Developing = 3	0	5%	Developing = 3	0	0%
Accomplished = 4	0	1%	Accomplished = 4	0	0%
TOTAL	13	100%	TOTAL	13	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
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 Skills Rating Levels	f	%			
Descriptive = 1	3	23%			
Emerging = 2	9	69%			
Developing = 3	1	8%			
Accomplished = 4	0	0%			
TOTAL	13	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 = 24 observations): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	24	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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	f	%			
Descriptive = 1	12	50%			
Emerging = 2	11	46%			
Developing = 3	1	4%			
Accomplished = 4	0	0%			
TOTAL	24	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating Levels	f	%			
Descriptive = 1	15	58%			
Emerging = 2	11	42%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	10	56%			
Emerging = 2	8	44%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

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

Creative Prep Rating Levels	f	%		Creative Inquiry 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%
TOTAL	12	100%		TOTAL	12	100%
Critical Thinking Integration Rating Levels	f	%		Critical Thinking 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 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%
TOTAL	12	100%		TOTAL	12	100%
Communication Argumentation Rating Levels	f	%		Collaboration Team Work 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 Skills Rating	f	%				
Descriptive = 1	0	0%				
Emerging = 2	12	100%				
Developing = 3	0	0%				
Accomplished = 4	0	0%				
TOTAL	12	100%				

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

Creative Prep Rating Levels	f	%		Creative Inquiry 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 Integration Rating Levels	f	%		Critical Thinking Problem Solving 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		TOTAL	10	100% ⁴
Critical Thinking Logical Thinking Rating Levels	f	%		Communication Data & Information 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 Argumentation Rating Levels	f	%		Collaboration Team Work 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%				

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	12	60%			
Emerging = 2	7	35%			
Developing = 3	1	5%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%		Creative Inquiry Rating Levels	f	%
Descriptive = 1	8	44%		Descriptive = 1	7	39%
Emerging = 2	7	39%		Emerging = 2	8	44%
Developing = 3	0	0%		Developing = 3	0	0%
Accomplished = 4	0	17%		Accomplished = 4	3	17%
TOTAL	15	100%		TOTAL	18	100%
Critical Thinking Integration Rating Levels	f	%		Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	8	44%		Descriptive = 1	11	54%
Emerging = 2	7	39%		Emerging = 2	6	46%
Developing = 3	0	0%		Developing = 3	0	0%
Accomplished = 4	3	17%		Accomplished = 4	0	0%
TOTAL	18	100%		TOTAL	18	100%
Critical Thinking Logical Thinking Rating Levels	f	%		Communication Data & Information 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 Argumentation Rating Levels	f	%		Collaboration Team Work 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 Levels	f	%				
Descriptive = 1	9	69%				
Emerging = 2	4	31%				
Developing = 3	0	0%				
Accomplished = 4	0	0%				
TOTAL	13	100%				

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	13	100%	Descriptive = 1	11	85%
Emerging = 2	0	0%	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 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 = 26 observations): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	14	54%	Descriptive = 1	13	50%
Emerging = 2	12	46%	Emerging = 2	11	42%
Developing = 3	0	0%	Developing = 3	12	8%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	26	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	23	88%	Descriptive = 1	21	81%
Emerging = 2	2	8%	Emerging = 2	1	3%
Developing = 3	1	4%	Developing = 3	2	8%
Accomplished = 4	0	0%	Accomplished = 4	2	8%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	22	85%			
Emerging = 2	4	15%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	26	100%			

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

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%
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 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 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 Rating Levels	f	%	Collaboration Team Work 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	100%
Collaboration Investigation Skills Rating Levels	f	%			
Descriptive = 1	8	36%			
Emerging = 2	7	32%			
Developing = 3	0	32%			
Accomplished = 4	7	0%			
TOTAL	22	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	2	13%	Descriptive = 1	10	63%
Emerging = 2	10	63%	Emerging = 2	4	24%
Developing = 3	4	24%	Developing = 3	2	13%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration 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 = 23 observations): Spring 2019 YEAR FOUR

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	10	43%	Descriptive = 1	14	61%
Emerging = 2	13	57%	Emerging = 2	9	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	23	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

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

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

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

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	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%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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	%	Collaboration Team Work 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 Investigation Skills Rating	f	%			
Descriptive = 1	0	0%			
Emerging = 2	0	0%			
Developing = 3	3	15%			
Accomplished = 4	17	85%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	21%	Descriptive = 1	3	16%
Emerging = 2	15	79%	Emerging = 2	16	84%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	19	100%	TOTAL	19	100%2
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
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%	TOTAL	19	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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	4	22%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	15	83%	Descriptive = 1	15	83%
Emerging = 2	1	6%	Emerging = 2	1	6%
Developing = 3	2	11%	Developing = 3	2	11%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	15	83%	Descriptive = 1	16	89%
Emerging = 2	3	17%	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 Levels	f	%			
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 2017 YEAR 2

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	4	15%
Emerging = 2	20	78%	Emerging = 2	10	39%
Developing = 3	3	11%	Developing = 3	8	31%
Accomplished = 4	3	11%	Accomplished = 4	4	15%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	4	15%	Descriptive = 1	6	23%
Emerging = 2	14	55%	Emerging = 2	12	46%
Developing = 3	4	15%	Developing = 3	7	27%
Accomplished = 4	4	15%	Accomplished = 4	1	4%
TOTAL	26	100%	TOTAL	26	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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	6	23%
Accomplished = 4	1	4%	Accomplished = 4	3	11%
TOTAL	26	100%	TOTAL	26	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	4	15%			
Emerging = 2	15	58%			
Developing = 3	5	19%			
Accomplished = 4	2	8%			
TOTAL	26	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	4	25%
Emerging = 2	4	26%	Emerging = 2	0	0%
Developing = 3	6	37%	Developing = 3	10	63%
Accomplished = 4	6	37%	Accomplished = 4	2	12%
TOTAL	16	100%	TOTAL	16	100%
Collaboration 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 = 25 observations): Spring 2019 YEAR 4

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	8	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	25	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	16	80%	Descriptive = 1	12	60%
Emerging = 2	4	20%	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%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	15	75%	Descriptive = 1	11	55%
Emerging = 2	5	25%	Emerging = 2	9	45%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	20	100%	TOTAL	20	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	14	70%			
Emerging = 2	6	30%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	20	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	3	20%	Descriptive = 1	0	0%
Emerging = 2	9	60%	Emerging = 2	12	80%
Developing = 3	3	20%	Developing = 3	3	20%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	15	100%	TOTAL	15	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	15	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 = 32 observations): Spring 2018 YEAR THREE

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	6%	Descriptive = 1	2	6%
Emerging = 2	6	19%	Emerging = 2	12	38%
Developing = 3	23	72%	Developing = 3	17	53%
Accomplished = 4	1	3%	Accomplished = 4	1	3%
TOTAL	32	100%	TOTAL	32	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	2	6%	Descriptive = 1	1	3%
Emerging = 2	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%	TOTAL	32	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	9	50%	Descriptive = 1	8	44%
Emerging = 2	8	44%	Emerging = 2	10	56%
Developing = 3	1	6%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	18	100%	TOTAL	18	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Levels	f	%			
Descriptive = 1	13	72%			
Emerging = 2	5	28%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	18	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	7	44%	Descriptive = 1	3	19%
Emerging = 2	8	50%	Emerging = 2	10	62%
Developing = 3	1	6%	Developing = 3	3	19%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	16	100%	TOTAL	16	100%
Collaboration 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 = 6 observations): Spring 2019 YEAR 4

Creative Prep 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 Integration Rating Levels	f	%		Critical Thinking Problem Solving 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%		TOTAL	6	100%
Critical Thinking Logical Thinking Rating Levels	f	%		Communication Data & Information 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 Argumentation Rating Levels	f	%		Collaboration Team Work 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%				
TOTAL	6	100%				

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Investigation Skills Rating Levels	f	%			
Descriptive = 1	14	74%			
Emerging = 2	5	26%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	19	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	7	32%	Descriptive = 1	2	9%
Emerging = 2	13	59%	Emerging = 2	20	91%
Developing = 3	2	9%	Developing = 3	0	0%
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	9	41%	Descriptive = 1	3	14%
Emerging = 2	10	45%	Emerging = 2	18	82%
Developing = 3	3	14%	Developing = 3	1	4%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information Rating Levels	f	%
Descriptive = 1	8	36%	Descriptive = 1	13	59%
Emerging = 2	14	64%	Emerging = 2	9	41%
Developing = 3	0	0%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	5	23%	Descriptive = 1	12	55%
Emerging = 2	17	77%	Emerging = 2	8	36%
Developing = 3	0	0%	Developing = 3	2	9%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	22	100%	TOTAL	22	100%
Collaboration Investigation Skills Rating	f	%			
Descriptive = 1	11	50%			
Emerging = 2	8	36%			
Developing = 3	3	14%			
Accomplished = 4	0	0%			
TOTAL	22	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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%	Accomplished = 4	0	0%
TOTAL	62	100%	TOTAL	62	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	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%	Developing = 3	0	0%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	62	100%	TOTAL	62	100%
Collaboration Investigation Skills Rating	f	%			
Descriptive = 1	45	73%			
Emerging = 2	17	27%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	62	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	3	6%	Emerging = 2	13	24%
Developing = 3	48	88%	Developing = 3	41	76%
Accomplished = 4	3	6%	Accomplished = 4	0	0%
TOTAL	54	100%	TOTAL	54	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	0	0%	Descriptive = 1	0	0%
Emerging = 2	15	28%	Emerging = 2	22	41%
Developing = 3	39	72%	Developing = 3	32	59%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	54	100%	TOTAL	54	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
Descriptive = 1	16	36%	Descriptive = 1	29	67%
Emerging = 2	28	64%	Emerging = 2	12	27%
Developing = 3	0	0%	Developing = 3	3	6%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	44	100%	TOTAL	44	100%
Collaboration 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 = 38 observations): Fall/Spring 2019 (YEAR TWO)

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	4	10%	Descriptive = 1	4	10%
Emerging = 2	9	24%	Emerging = 2	11	29%
Developing = 3	20	53%	Developing = 3	22	58%
Accomplished = 4	5	13%	Accomplished = 4	1	3%
TOTAL	38	100%	TOTAL	38	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving Rating Levels	f	%
Descriptive = 1	1	3%	Descriptive = 1	3	8%
Emerging = 2	12	31%	Emerging = 2	12	31%
Developing = 3	24	63%	Developing = 3	20	53%
Accomplished = 4	1	3%	Accomplished = 4	3	8%
TOTAL	38	100%	TOTAL	38	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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	6	16%			
TOTAL	38	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Rating Levels	f	%	Critical Thinking Problem Solving 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	%	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%
Communication Argumentation Rating Levels	f	%	Collaboration Team Work Rating Levels	f	%
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 = 4	0	0%	Accomplished = 4	0	0%
TOTAL	39	100%	TOTAL	39	100%
Collaboration Investigation Skills Rating	f	%			
Descriptive = 1	17	44%			
Emerging = 2	21	54%			
Developing = 3	1	2%			
Accomplished = 4	0	0%			
TOTAL	39	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	7%	Descriptive = 1	3	11%
Emerging = 2	8	29%	Emerging = 2	9	32%
Developing = 3	17	61%	Developing = 3	15	54%
Accomplished = 4	1	3%	Accomplished = 4	1	4%
TOTAL	28	100%	TOTAL	28	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	28	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry 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 Integration Rating Levels	f	%	Critical Thinking Problem Solving 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 Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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 Skills Rating	f	%			
Descriptive = 1	50	98%			
Emerging = 2	1	2%			
Developing = 3	0	0%			
Accomplished = 4	0	0%			
TOTAL	51	100%			

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

Creative Prep Rating Levels	f	%	Creative Inquiry Rating Levels	f	%
Descriptive = 1	2	4%	Descriptive = 1	2	4%
Emerging = 2	2	4%	Emerging = 2	7	15%
Developing = 3	42	92%	Developing = 3	37	81%
Accomplished = 4	0	0%	Accomplished = 4	0	0%
TOTAL	46	100%	TOTAL	46	100%
Critical Thinking Integration Rating Levels	f	%	Critical Thinking Problem Solving 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%	TOTAL	46	100%
Critical Thinking Logical Thinking Rating Levels	f	%	Communication Data & Information 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 Argumentation Rating Levels	f	%	Collaboration Team Work 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%			

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

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