

College of Marin Scientific Reasoning Common Rubric Assessment Data

Life, Earth, and Social Sciences

Early Assessment

Semester/Year: Spring 2011

Scientific Reasoning

Instruction:

Under Early Assessment, in the yellow highlight's areas, enter:

(a) Course Name and CRN; and

(b) Student's name

Then, just enter the Student's rubric scores (1 to 4) for Early and Late Assessments. **(Note: automatic calculation of results!)**

Rubric score:

1= Below Basic/Not Satisfactory

2= Basic/Satisfactory

3= Proficient

4= Advanced

Score	Criteria						Points earned	Max points
Student's Score (4 Levels)	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results		
2				3	2	3	10	16
2				4	2	3	11	16
2				2	1	3	8	16
2				3	2	3	10	16
2				1	2	3	8	16
3				4	2	3	12	16
4				3	2	2	11	16
3				4	2	3	12	16
4				4	2	3	13	16
3				3	2	2	10	16
4				3	2	3	12	16
2				4	2	4	12	16
2				4	2	2	10	16
3				4	2	2	11	16
2				4	2	2	10	16
2				4	2	4	12	16
1				3	2	1	7	16
4				1	2	1	8	16
2				3	2	2	9	16
4				1	3	3	11	16
3				4	2	2	11	16
2				4	2	4	12	16
2				4	2	3	11	16
2				4	2	3	11	16
2				3	2	2	9	16
3				4	2	4	13	16

Summary	Criteria					
Number of Students	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results
Below Basic	19	0	0	24	13	14
Basic	39	3	2	21	57	36
Proficient	22	4	3	15	22	31
Advanced	20	5	7	40	8	19
Total	100	12	12	100	100	100

Top Two Levels: Proficient and Advanced

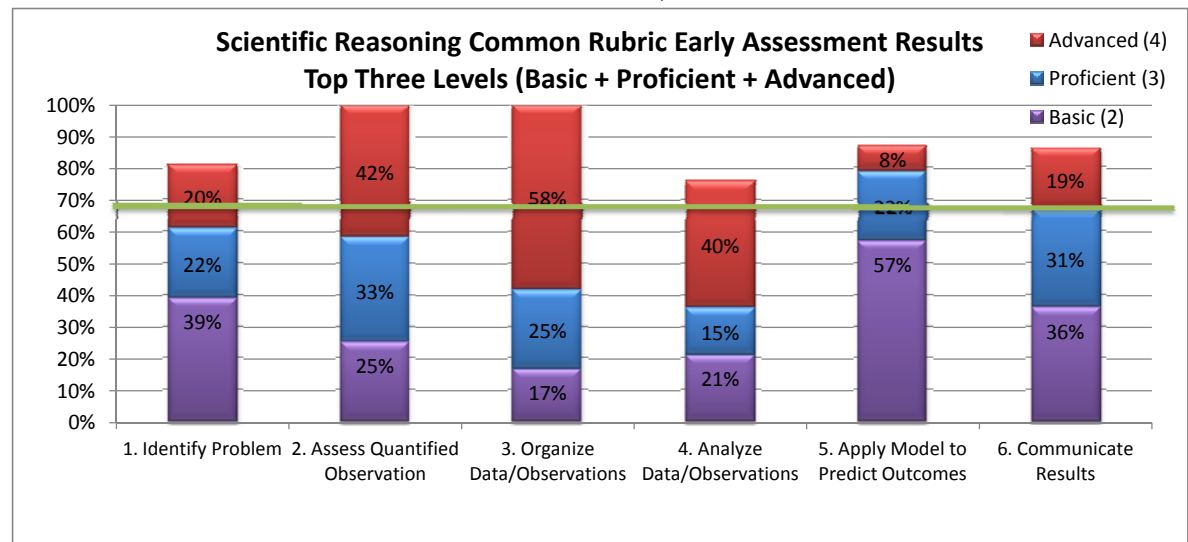
Top Three Levels: Basic, Proficient and Advanced

Summary	Criteria					
Percent of Students	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results
Below Basic (1)	19%	0%	0%	24%	13%	14%
Basic (2)	39%	25%	17%	21%	57%	36%
Proficient (3)	22%	33%	25%	15%	22%	31%
Advanced (4)	20%	42%	58%	40%	8%	19%
Total	100%	100%	100%	100%	100%	100%

Top Two Levels (3 & 4)

Top Three Levels (2 & 3 & 4)

Green: Greater than 70%; Red: 70% or less



College of Marin Scientific Reasoning Common Rubric Assessment Data

Life, Earth, and Social Sciences

Late Assessment

Semester/Year: Spring 2011

Course Name and CRN: 0

Score	Criteria						Points earned	Max points
Student's Score (4 Levels)	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results		
	4			4	4	3	15	16
	3			3	3	4	13	16
	4			4	4	4	16	16
	4			4	4	4	16	16
	3			2	3	3	11	16
	3			2	3	4	12	16
	3			4	2	3	12	16
	3			4	3	4	14	16
	4			4	3	4	15	16
	2			1	2	4	9	16
	3			2	2	3	10	16
	2			3	2	4	11	16
	1			1	2	4	8	16
	4			3	3	1	11	16
	3			1	2	3	9	16
	3			4	3	3	13	16
	4			4	4	4	16	16
	4			1	3	4	12	16
	3			1	3	4	11	16
	2			1	2	1	6	16
	4			4	4	4	16	320
	3			3	3	4	3.3	
	4			4	1	4		
	1			2	2	4		
	3			3	4	4		
	4			1	4	4		
	4			1	3	4		
	3			2	2	4		

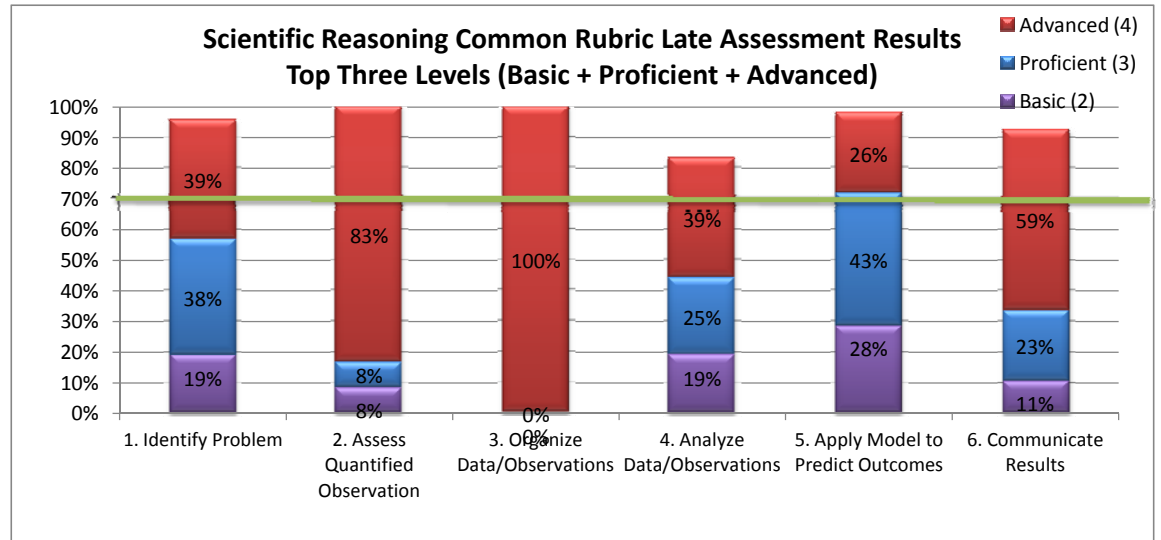
Summary	Criteria					
Number of Students	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results
Below Basic	4	0	0	16	2	7
Basic	18	1	0	18	27	10
Proficient	36	1	0	24	41	22
Advanced	37	10	12	37	25	56
Total	95	12	12	95	95	95

Top Two Levels: Proficient and Advanced
 Top Three Levels: Basic, Proficient and Advanced

Summary	Criteria					
Percent of Students	1. Identify Problem	2. Assess Quantified Observations	3. Organize Data/Observations	4. Analyze Data/Observations	5. Apply Model to Predict Outcomes	6. Communicate Results
Below Basic (1)	4%	0%	0%	17%	2%	7%
Basic (2)	19%	8%	0%	19%	28%	11%
Proficient (3)	38%	8%	0%	25%	43%	23%
Advanced (4)	39%	83%	100%	39%	26%	59%
Total	100%	100%	100%	100%	100%	100%

Top Two Levels (3 & 4)	77%	92%	100%	64%	69%	82%
Top Three Levels (2 & 3 & 4)	96%	100%	100%	83%	98%	93%

Green: Greater than 70%; Red: 70% or less

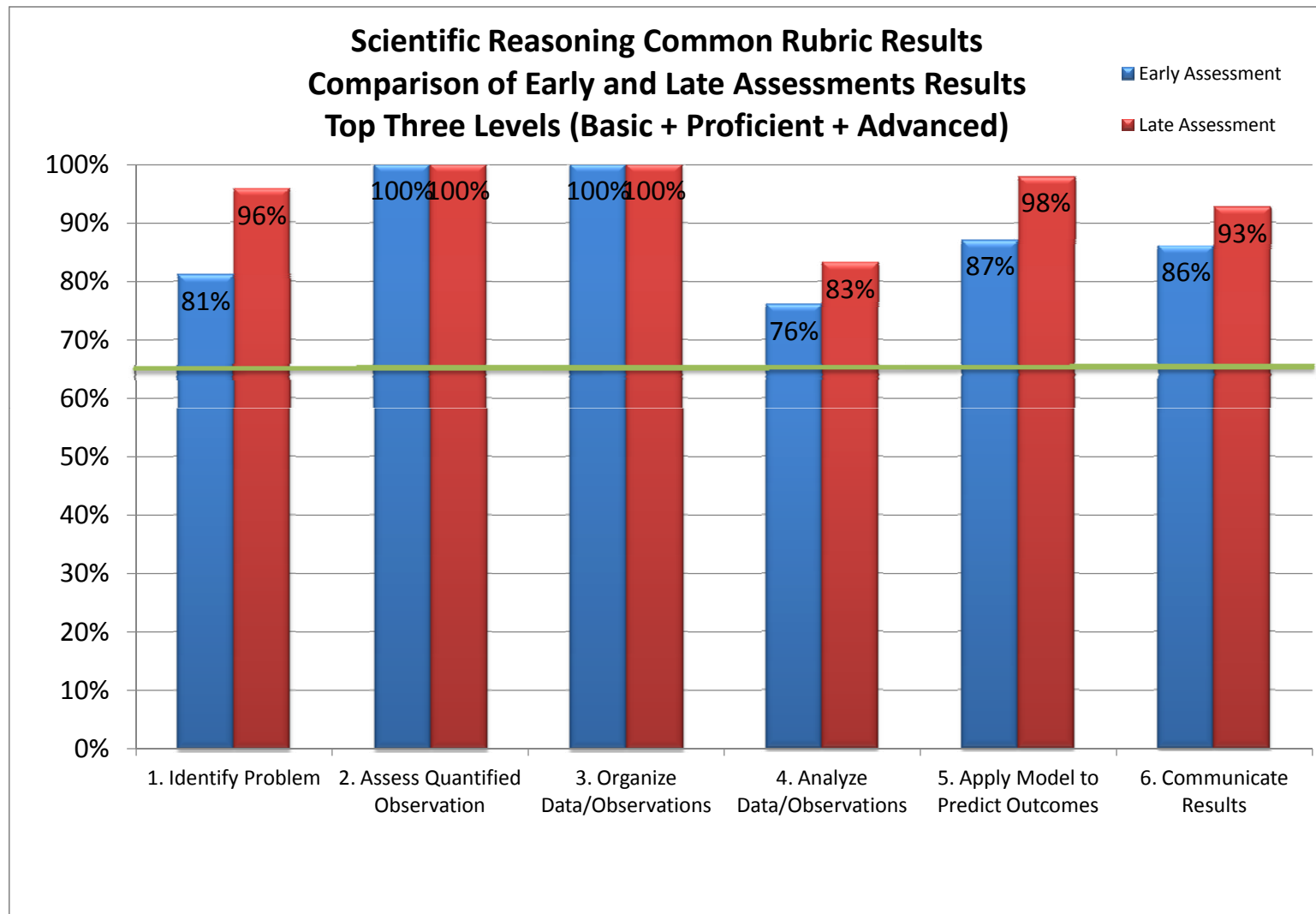


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Comparison of Early and Late Assessments Results

Semester/Year: Spring 2011

Course Name and CRN: 0



Scientific Reasoning Common Rubric Early and Late Assessment Results Top Three Levels (Basic + Proficient + Advanced)

