

EarthComm Notebook Entry-Evaluation Sheet

Name: _____ Date: _____ Module: _____

Explanation: The *EarthComm* notebook is an important component of each *EarthComm* module. In using the notebook as you investigate Earth science questions, you are mirroring what scientists do. The criteria, along with others that your teacher may add, will be used to evaluate the quality of your notebook entries. Use these criteria, along with instructions within investigations, as a guide.

Criteria:

1. Entry Made

1	2	3	4	5	6	7	8	9	10	_____
Blank		Nominal			Above average			Thorough		

2. Detail

1	2	3	4	5	6	7	8	9	10	_____
Few dates		Half the time			Most days			Daily		
Little detail		Some detail			Good detail			Excellent detail		

3. Clarity

1	2	3	4	5	6	7	8	9	10	_____
Vague		Becoming clearer			Clearly expressed					
Disorganized		well organized								

4. Data Collection/Analysis

1	2	3	4	5	6	7	8	9	10	_____
Data collected		Data collected,			Data collected					
Not analyzed		some analyzed			and analyzed					

5. Originality

1	2	3	4	5	6	7	8	9	10	_____
Little evidence		Some evidence			Strong evidence,					
of originality		of originality			of originality					

6. Reasoning/Higher-Order Thinking

1	2	3	4	5	6	7	8	9	10	_____
Little evidence		Some evidence			Strong evidence					
of thoughtfulness		of thoughtfulness			of thoughtfulness					

7. Other

1	2	3	4	5	6	7	8	9	10	_____
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8. Other

1	2	3	4	5	6	7	8	9	10	_____
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EarthComm Notebook Entry-Checklist

Name: _____ Date: _____ Module: _____

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Criteria:

- 1. Makes entries _____
- 2. Provides dates and details _____
- 3. Entry is clear and organized _____
- 4. Shows data collected _____
- 5. Analyzes data collected _____
- 6. Shows originality in presentation _____
- 7. Shows evidence of higher-order thinking _____
- 8. Other _____
- 9. Other _____

Comments:

Think About It Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Strong		Fair		No Entry
Shows evidence of prior knowledge	4	3	2	1	0

	Strong		Fair		No Entry
Reflects discussion with classmates	4	3	2	1	0

Think About It Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Strong		Fair		No Entry
Shows evidence of prior knowledge	4	3	2	1	0

	Strong		Fair		No Entry
Reflects discussion with classmates	4	3	2	1	0

Think About It Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Strong		Fair		No Entry
Shows evidence of prior knowledge	4	3	2	1	0

	Strong		Fair		No Entry
Reflects discussion with classmates	4	3	2	1	0

Investigate Notebook Entry-Evaluation Sheet

Name: _____ Date: _____ Module: _____

Criteria:

1. Completeness of written investigation

1	2	3	4	5	6	7	8	9	10	_____
Blank			Incomplete				Thorough			

2. Participation in investigations

1	2	3	4	5	6	7	8	9	10	_____
None or little; unable to guide self			Needs minimal guidance, sometimes helping others				Leads, is inquisitive persistent, focused			

3. Skills attained

1	2	3	4	5	6	7	8	9	10	_____
Few skills evident			Tends to use some appropriate skills				High degree of appropriate skills used			

4. Investigation Design

1	2	3	4	5	6	7	8	9	10	_____
Variables not considered techniques illogical			Sometimes considers variables, uses logical techniques				Considers variables Sound rationale for techniques			

5. Conceptual understanding of content

1	2	3	4	5	6	7	8	9	10	_____
No evidence of understanding		Approaches understanding of most concepts					Exceeds expectations for content attainment			

6. Ability to explain/discuss inquiry

1	2	3	4	5	6	7	8	9	10	_____
Unable to articulate scientific thought			Some ability to explain/discuss the inquiry				Uses scientific reasoning to explain any aspect of the inquiry			

7. Other

1	2	3	4	5	6	7	8	9	10	_____
---	---	---	---	---	---	---	---	---	----	-------

8. Other

1	2	3	4	5	6	7	8	9	10	_____
---	---	---	---	---	---	---	---	---	----	-------

Check Your Understanding Notebook Entry-Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Excellent		Fair		Blank	
Thoroughness of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Content of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Understanding of inquiry processes	5	4	3	2	1	0

Check Your Understanding Notebook Entry-Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Excellent		Fair		Blank	
Thoroughness of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Content of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Understanding of inquiry processes	5	4	3	2	1	0

Check Your Understanding Notebook Entry-Evaluation Sheet

Name: _____ Date: _____ Module: _____

	Excellent		Fair		Blank	
Thoroughness of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Content of answers	5	4	3	2	1	0
	Excellent		Fair		Blank	
Understanding of inquiry processes	5	4	3	2	1	0

Student Presentation Evaluation Form

Student Name _____ Date _____

Topic _____

	Excellent		Fair		Poor
Quality of ideas	4	3	2	1	1
Ability to answer questions	4	3	2	1	1
Overall comprehension	4	3	2	1	1

COMMENTS:

Student Presentation Evaluation Form

Student Name _____ Date _____

Topic _____

	Excellent		Fair		Poor
Quality of ideas	4	3	2	1	1
Ability to answer questions	4	3	2	1	1
Overall comprehension	4	3	2	1	1

COMMENTS:

Student Evaluation of Group Participation

Key:

4 = Worked on his/her part and assisted others

3 = Worked on his/her part

2 = Worked on part less than half the time

1 = Interfered with the work of others

0 = No work

My name is _____ .

I give myself a _____

The other people in my group are:

I give each person:

A. _____

B. _____

C. _____

D. _____

Key:

4 = Worked on his/her part and assisted others

3 = Worked on his/her part

2 = Worked on part less than half the time

1 = Interfered with the work of others

0 = No work

My name is _____ .

The other people in my group are:

A. _____

B. _____

C. _____

D. _____

Student Ratings and Self Evaluation

Name: _____ Date: _____ Module: _____

Key:

Highest rating _____

Lowest rating _____

1. In the chart, rate each person in your group, including yourself.

	Names of Group Members				
Quality of Work					
Quantity of Work					
Cooperativeness					
Other Comments _____					

2. What went well in your investigation?

3. If you could repeat the investigation, how would you change it?