



Education and Research: Testing Hypotheses

## UNIT EVALUATION

Your thoughts on these lessons/activities will be critical to the continued refinement of these specific topics, as well as to the development of future teaching units.

Teacher's Name Misty Scevola  
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 Grade(s) 10-12 Class Size 15-20  
 Unit Taught Blue Mud shrimp Mystery Subject/topic Marine Biology

← Not at all ————— Adequate ————— Excellent →

Component	Rating	0	1	2	3	4
<b>A. OVERALL TEACHING UNIT</b>						
1. Unit is clearly written		0	1	2	3	4
2. Objectives are well-defined and relevant to topic		0	1	2	3	4
3. Instructions are easy-to-follow		0	1	2	3	4
4. Provides adequate background information for teachers		0	1	2	3	4
5. Includes appropriate sequence of lessons/activities		0	1	2	3	4
6. Easily integrated with national standards		0	1	2	3	4
7. Grade appropriate and/or adaptable to grade level; comprehensible to students		0	1	2	3	4
8. Interesting/motivating/compelling to students		0	1	2	3	4
<b>B. ACTIVITIES</b>						
1. Consistent with unit objectives		0	1	2	3	4
2. Include hands-on components		0	1	2	3	4
3. Include inquiry-based/problem-solving components		0	1	2	3	4
4. Engage students in the scientific process		0	1	2	3	4
5. Incorporate real-time data in an authentic way		0	1	2	3	4
6. Integrate technology appropriately		0	1	2	3	4
7. Offer low-tech/alternative implementation options		0	1	2	3	4
8. Appropriate for a variety of learning styles		0	1	2	3	4
9. Include sufficient extension activity(ies)		0	1	2	3	4
10. Teaches described concepts		0	1	2	3	4
<b>C. CULMINATION/MASTERY</b>						
1. Includes information on product/process assessment		0	1	2	3	4
2. Specifically measures the unit objectives		0	1	2	3	4
3. Offers ways to assess students' thinking about the topic.		0	1	2	3	4
4. Results in creative, authentic student work		0	1	2	3	4
5. Provides opportunities for student reflection on learning		0	1	2	3	4

6/10/2009

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Teaching Application Evaluation Instrument

What are the strengths of this topic/lesson?

*Students can choose a topic/environmental issue*

What are the weaknesses of this topic/lesson?

*Maybe need parameters around using pictures in posters; being able to see the letters - poster rubric*

What modifications are needed to improve this topic/lesson?

*Students liked the options of brochure, poster or announcement advertisement  
Maybe assigning certain students to different parts of country*

Please include any additional comments that you think will be useful to you and others at next year's workshop.

Please let us know of any resources (Web sites, materials, etc.) that you used or think would be useful to enrich/enhance the unit.

*Students found websites on their own.  
Most were done fairly quickly*

Thank you very much for your time and assistance with this evaluation. If you are interested in participating in future EARTH workshops, please let me know. Using an activity and completing this rubric are requirements for participation. We will be discussing these evaluations and looking at the existing activities, as well as creating some new ones.

Please return this form to me either in hardcopy or electronic format.

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