



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.

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 Grade(s) 5TH Class Size 30
 Unit Taught BLUE MUD SHRIMP MYSTERY Subject/topic INVASIVE SPECIES

← Not at all — Adequate — Excellent →

Component	Rating	0	1	2	3	4
A. OVERALL TEACHING UNIT						
1. Unit is clearly written		0	1	2	3	4
2. Objectives are well-defined and relevant to topic						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. ACTIVITIES						
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
C. CULMINATION/MASTERY						
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

What are the strengths of this topic/lesson?

- THE STRAIGHT FORWARD LESSON PLAN
- THE INVASIVE SPECIES PROJECT/PASTOR

What are the weaknesses of this topic/lesson?

- NEEDS MORE INFORMATION ON INVASIVE SPECIES - MAYBE RESOURCE PAGE

What modifications are needed to improve this topic/lesson?

- SOME WEB LINKS FOR INVASIVE SPECIES INFORMATION WOULD MAKE PROJECT FEEL BETTER.
- FOR ELEMENTARY A MORE GUIDED PROJECT WOULD BE NEEDED
- SOME INFORMATION ON CALIFORNIA APPLICATIONS

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

THIS WAS A FUN LESSON TO DO AND IT REALLY BRINGS OUT SOME ISSUES OF INVASIVE SPECIES

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

- BALWAST WASTE INFORMATION PORTAL (COLOR)
- CALIFORNIA (ALGAE) INFORMATION SHEET
- SHIPPING INTERVIEW AND MAPS

Thank you very much for your time and assistance with this evaluation. If you are interested in the 2008/9 EARTH workshop 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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