

Your name \_\_\_\_\_

## **Learning Ocean Science and Exploration through an Online Environment**

### **PRE-WORKSHOP QUESTIONNAIRE**

Dear Workshop Participant:

Thank you for taking a few minutes to complete this survey. Teacher involvement in this evaluation is integral to its success, and your opinion about NOAA's online educational products is valued greatly.

We are asking all of the teachers who participate in this workshop to provide feedback on your personal and your students' experiences with the online education resources offered by NOAA. The information we are collecting is essential to determining the educational value of this workshop and the products we create. In addition, as part of our efforts to continually improve the content and delivery of our workshops, we are also interested in any suggestions you may have for improvement.

Your responses to surveys are confidential. Only summaries of the data will be released in which no individual's answers can be identified. If you have any questions or comments, please feel free to ask the person administering the survey. You may also contact Liz Danter at [edanter@bellsouth.net](mailto:edanter@bellsouth.net) or 205-296-3954.

Thank you for taking the time to provide us with this important information.

Sincerely,

**Bruce Moravchik**  
Education Specialist  
NOAA's Ocean Service  
Communication and  
Education

**Cindy Renkas**  
Education Specialist  
NOAA Research  
Ocean Exploration

## A Little About You

The following questions will tell us a little about your experience as a schoolteacher. Please answer each question by filling in the blank.

1. How many years have you been a formal schoolteacher? \_\_\_\_\_ years

2. What grade(s) do you teach this year? (Select all that apply)

- \_\_\_\_\_ 6<sup>th</sup> grade
- \_\_\_\_\_ 7<sup>th</sup> grade
- \_\_\_\_\_ 8<sup>th</sup> grade
- \_\_\_\_\_ 9<sup>th</sup> grade
- \_\_\_\_\_ 10<sup>th</sup> grade
- \_\_\_\_\_ 11<sup>th</sup> grade
- \_\_\_\_\_ 12<sup>th</sup> grade
- \_\_\_\_\_ Other \_\_\_\_\_

3. How many different students do you teach each week, on average? \_\_\_\_\_

4. Select the subject(s) you teach in an average week (select all that apply):

- |                             |                             |
|-----------------------------|-----------------------------|
| _____ Biology               | _____ Health                |
| _____ Chemistry             | _____ Home economics        |
| _____ Physics               | _____ Industrial arts       |
| _____ Environmental Science | _____ Language arts/English |
| _____ Integrated Science    | _____ Reading               |
| _____ Geology               | _____ Social Studies        |
| _____ Math                  | _____ Other: _____          |
| _____ Physical education    | _____ Other: _____          |
| _____ Art                   | _____ Other: _____          |
| _____ Music                 | _____ Other: _____          |

5. Do you currently use ocean-related subjects/materials/topics as part of your regular curriculum?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

6. Are ocean-related topics a required part of your school's/district's science teaching requirements?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

### **Use of Computers in your Classroom**

The following questions will tell us about computer use in your classrooms.

7. Approximately how often does a typical student use a computer at some point in the course of your classroom teaching (either classroom or computer lab setting)?

- \_\_\_\_\_ Never
- \_\_\_\_\_ Less than once a month
- \_\_\_\_\_ Once or twice per month
- \_\_\_\_\_ Once a week
- \_\_\_\_\_ Twice a week
- \_\_\_\_\_ Almost daily
- \_\_\_\_\_ Other: \_\_\_\_\_

8. Typically, how many students operate any one computer at one time during your class? Select the most common arrangement, or select two if two are equally common.

- \_\_\_\_\_ One student per computer
- \_\_\_\_\_ In pairs (2)
- \_\_\_\_\_ In groups of 3-4
- \_\_\_\_\_ Other: \_\_\_\_\_

### Teaching Ocean Science

The following questions will tell us your opinion about teaching ocean science. Please indicate the extent to which you agree with the following statements by circling the appropriate number.

9. Please indicate the extent to which you agree or disagree with the following statements.

|   | Strongly disagree |   | Neutral |   | Strongly agree | N/A |
|---|-------------------|---|---------|---|----------------|-----|
| a. I am familiar with the <i>Ocean Literacy Essential Principles and Fundamental Concepts</i> .   | 1                 | 2 | 3       | 4 | 5              | 0   |
| b. I have a clear idea of online educational resources offered by NOAA.   | 1                 | 2 | 3       | 4 | 5              | 0   |
| c. The Internet is a convenient way for me to view lesson plans.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| d. I download and/or print lesson plans from the Internet.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| e. I incorporate material downloaded from the Internet into my teaching.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| d. I feel confident about teaching physical science as it applies to the world's oceans.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| e. I feel confident about teaching biological science as it applies to the world's oceans.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| f. I do not have flexibility in the lessons I teach.  | 1                 | 2 | 3       | 4 | 5              | 0   |
| g. I cannot use NOAA's online educational environment with my students because our classroom (or library/computer lab) computers are not connected to the Internet. | 1                 | 2 | 3       | 4 | 5              | 0   |
| h. The NOAA Web sites are the first place I go to find resources for teaching about ocean related topics.   | 1                 | 2 | 3       | 4 | 5              | 0   |

10. If you were to teach ocean related topics in your classroom, what topics might you include?

11. Which of the following **best** describes your familiarity with NOAA's online educational resources? (check one)

- I am very familiar with NOAA's online educational resources and have used the products and services several times.
- I am familiar with NOAA and have used the online educational resources once or twice.
- I am aware of NOAA's online products and services but have not used them.
- I have heard about NOAA but am not at all familiar with the online educational products and services.
- I am not at all familiar with NOAA's online educational resources.

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