



Education and Research: Testing Hypotheses

Lesson Plan—Career Exploration

Summary

This activity will help familiarize student with various careers in marine science and technology, and will help students find out what responsibilities, interests, aptitudes, schooling and experience are necessary to follow a particular career path.

Key Concepts

- There is a wide variety of marine science careers available, which each require different interests, aptitudes, schooling and experience
- Scientists use technology to help them answer questions about the ocean

Objectives

Students will be able to:

- **List and define** a variety of marine science career options

Materials

- Computers with Internet access
- Materials available for pamphlets, brochures, handouts

Procedure

1. Have students visit the **MBARI Ocean Sciences Career Information** page (<http://www.mbari.org/education/careers.html>) and work with a partner to investigate the variety of careers involved in studying the oceans.
2. Have students choose one marine career and find out what someone in that field does and is responsible for, as well as what interests, aptitudes, schooling and experience are necessary to follow that career path.
3. Have students organize their information into a pamphlet, brochure, handout or poster to be presented to the class (or multiple classes) at an “ocean exploration career fair.”

Assessment

- **Performance**—Did student participate in discussion and Web investigation sessions and demonstrate an understanding of the variety of marine science career options available?
- **Product**— Did student define the responsibilities and opportunities of his/her chosen career? Did student include information on interests, schooling, experience and aptitudes required for his/her career? Did student present his/her information in an organized and understandable format?