

Innovation Proposal: Marine Biology

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Proposed Innovation

Students will participate in an intensive three-week course about marine biology where they will prepare a student-directed research project, learn about current research and issues facing the world's oceans, and understand job opportunities in marine biology. Students participate in a 6-day field trip to San Diego including hands on marine biology experiences.

Purpose and Potential

The goal of this alternative curriculum is to teach students effective research and communication skills while exposing them to exploratory personal experiences in the field of marine biology. Students will learn science concepts such as animal life cycles and attributes, unique biomes, oceanographic research, and challenges facing ocean, beach, and animal life.

Courses Include

a three-week course offered to 11th and 12th graders during the school Winterim period including a 6-day field trip to San Diego.

Student Outcomes

will be measured with pre- and post-surveys, daily student logs, student-directed research projects, and student presentations of their research at a public culminating event.

Funding

Grant funding will be used for curriculum, activity supplies, and entrance to activities. The grant only covers a portion of the total cost for the course.

Under House Bill 386, Local Education Agencies can approve up to \$5,000 in grant funding for innovation programs. The innovation outlined here is one example that has been approved for implementation. Learn more at schools.utah.gov/ulead