

Unit II: Satellite Oceanography

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Teacher Information: This material is for background information for teachers. This should be read and discussed before presentation. *Student Information Sheets* are background information for students. It should be copied and given to students before presentation. Activities should be done as follow-up after program. Questions should be discussed after the show.

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Unit II: Satellite Oceanography

A. Overview

1. Unit II. Satellite Oceanography

In the next six programs, the students will learn about Satellite Oceanography, and its applications in marine research.

2. Contents of Package

Your packet contains the following lessons:

- Overview of Satellite Oceanography
- Space Shuttle Photography
- TOPEX/Poseidon Altimetry
- Measuring Currents from Space
- El Niño

Your packet contains the following student activities:

- Design a Satellite
- Orbit Model
- Satellite Resolution
- Sea Surface Temperature Change
- Track a Whale

B. Program Preparation

Teacher information: This material is background information for teachers. This should be read and discussed with students before video presentation.

Student information: *Student Information Sheets* are background information for students. They should be copied and given to students before video presentation. Activities should be done as follow-up after program. Questions should be discussed after the show.

1. Broadcast Topics

1. Show Time

These programs will link into topics on ecology, history, geography, technology, and marine science.