UCAR CENTER FOR SCIENCE EDUCATION

# Dive Into Learning: Bringing Ocean Science to Your Classroom

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Slides (October 22, 2026)

## Integrated Ocean Observing Service (IOOS) Resources

- IOOS K-12 Education Toolkit
- IOOS Education Resources
- Southeast Coastal Ocean Observing Regional Association (SECOORA) Classroom Activities
- Caribbean Coastal Ocean Observing System (CARICOOS) Waves Education Manual-Spanish
- Gulf of America Coastal Ocean Observing System (GCOOS) Resources for Educators
- Northwest Association of Networked Ocean Observing Systems (NANOOS) Resources for Educators and Lesson Plans
- Pacific Islands Ocean Observing System (PacIOOS) Education Resources and Voyager Lesson Plan

## UCAR Center for Ocean Leadership's (COL) National Ocean Sciences Bowl (NOSB) Resources

- Information for Teams
- Sample Questions and Study Resources
- Topical Theme Resources (e.g., marine debris, ocean observing, blue energy, and more)
    - Marine Debris Resources
        - NOAA Marine Debris Program Curricula
        - Algalita Wayfinder Society Lesson Plans
- Education and Career Resources

## UCAR Center for Science Education (SciEd) Resources

- The UCAR Center for Science Education (SciEd)
    - SciEd Teaching Resources, Professional Development
    - Virtual Field Trips

- The Water Cycle
- Transfer and Storage of Heat in the Atmosphere
- Ocean on the Move: Thermohaline Circulation

- Activity: What Do Soda and the Oceans Have In Common?
- Activities & Comic Book: Using Satellites to Learn About Animals
- NASA: Global Precipitation Measurement
- NOAA: Climate Change & Ocean Heat Content
- NOAA: Weather and Climate Patterns on Land