

**S2Task: Students and Scientists**  
***Together Advancing Science***  
***Knowledge***

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# Purpose of Project

- Global Learning and Observation to Benefit the Environment (GLOBE) is a set of dynamic learning tools developed over the last decade. These materials provide a bridge between the scientific research and education communities as they endeavor to infuse all students with scientific literacy.
- This project, Students and Scientists Together Advancing Science Knowledge (S2TASK) has developed two products that will increase the use of the GLOBE program.
- By focusing this expansion of GLOBE on attaining alignment with national standards, S2TASK will provide teachers and school systems with support to raise understanding of the physical and life sciences.

# S2TASK Products

- In particular, S2TASK has:
  - Developed four new instructional units for GLOBE:
    - 2 Middle and high school units on Atmosphere
    - 2 Middle and high school units on Coastal Biodiversity
      - Units meet the needs of school systems for standards-based instructional units and meet the needs of the research community for data from regions under-going high rates of environmental change;
  - Produced an on-line tool:
    - Assemble an Inquiry
      - Tool assists educators through the process of developing their own customized, standards-based units using the existing GLOBE materials.

# Assemble an Inquiry

- To further focus existing GLOBE materials on national science standards, Assemble an Inquiry allows the instructional design process used in unit development to be spread over all other existing GLOBE materials.
- Based on the same rigorous alignment of national content and process standards with all of the GLOBE Learning Activities, Protocols, and Tools, Assemble an Inquiry meets the need for integration of quality materials into existing curricula.
- It is a Web-based tool that employs a database to characterize the entire GLOBE learning environment. Individuals are able to access information on each GLOBE asset by means of a user-friendly, interactive interface that coaches them through the steps of creating an instructional unit. The value of this tool lies in its enabling teachers to start with any type of need such as activities, assessments, or field study protocols and through a carefully designed, comfortable process assure that appropriate teaching standards are addressed while supporting the development of a customized unit.
- The Web site is <http://wmp.umf.maine.edu/GLOBE/newsite/>