



The GLOBE Program

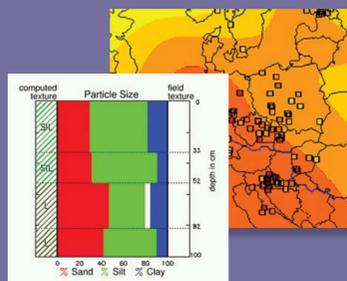
GLOBE Across the Curriculum

GLOBE provides students with a more integrated view of the various subjects they study and supports curricula interconnections in all areas.



Science, Mathematics & Technology

Students use GLOBE protocols and mathematics when learning scientific research methodologies and analyzing data sets. The GLOBE investigation areas include Earth science and biology topics in atmosphere/climate, hydrology, soil, land cover, and phenology. Technology classes utilize GLOBE data sets to create elaborate charts, graphs and maps, and compare student's findings with other data from around the world.



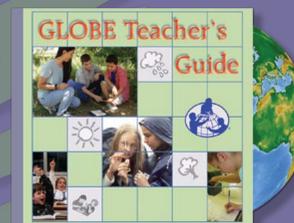
Language & Culture

GLOBE students learn about various languages and cultures as they engage in authentic projects and collaborations with one another, students in other countries, and world experts in the disciplines they are studying. Because GLOBE is a worldwide program, materials are available in the six United Nations languages (Arabic, English, French, Mandarin, Russian and Spanish), plus Dutch, German, Greek, Hebrew, Japanese, Portuguese and Thai, and more materials in other languages are becoming available through our international partners.



Geography & Social Studies

GLOBE supports the multicultural study of geography by providing hands-on experience with basic geographic skills such as understanding latitude, longitude, scale, map elements, and spatial analysis. A close match exists between the Earth science topics investigated in GLOBE and areas of physical geography such as climatology, hydrology, and soil study.



Art & Music

Students in art education classes work with contour maps and draw landscape diagrams, also using photography to artistically capture study site metadata. Through the Sounds of GLOBE CD, students share their experiences across the curriculum.



The GLOBE Program
Global Learning and Observations to Benefit the Environment
University Corporation for Atmospheric Research



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