Geoscience Careers

Do your students want to become Earth scientists? Do they know what these scientists do? Your students might be surprised at the range of opportunities offered by the Earth sciences. Geoscientists study and work with minerals, soil, agriculture, energy resources, fossils, oceans and freshwater, the atmosphere, weather, the environment, natural hazards and space exploration.

Your students just might become Earth scientists when they grow up. The links below offer information on the classes they should take and the work they are likely to do as caretakers of Earth's resources and environment!
Search for Geoscience Career Information

Perform a Quick Search using the search box below to find the 10 most relevant career information resources in the Education GeoSource database.

Access the Education GeoSource database at: https://egs.americangeosciences.org

Enter your search terms

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"Why Earth Science?" Brochure
American Geosciences Institute (AGI)
This brochure lists reasons why earth science matters to everyone, from careers, to education. Spanish version available.
**Resource Type:** Career Information, Curricula and Instruction

NASA: tu futuro el nuestro
National Aeronautics and Space Administration (NASA)
Read about different career paths NASA scientists have taken.
**Resource Type:** Career Information, Curricula and Instruction

AAPG Career Center
American Association of Petroleum Geologists (AAPG)
Career center for members of the American Association of Petroleum Geologists (AAPG)
**Resource Type:** Career Information, Curricula and Instruction

Geoscience Careers brochure
American Geosciences Institute (AGI)
AGI has developed a resource for students, teachers and faculty that explains the types of job opportunities for geoscientists. The Careers that Change the World Brochure is colorful and informative, explaining what geoscientists do, where they're employed and how to start a career as a...
**Resource Type:** Career Information, Curricula and Instruction
What does an Oceanographer do?
National Oceanic and Atmospheric Administration (NOAA)
Read about what Oceanographers are, and what they do.

Resource Type: Career Information, Curricula and Instruction

Oceanography
Marine Careers Portal
The major disciplines of oceanography are geological oceanography, physical oceanography and chemical oceanography. Oceanographers and others involved in these disciplines often work together to unravel the mysteries and unknowns of ocean science. In reading about each of these sub-fields, keep in...

Resource Type: Career Information, Curricula and Instruction

Environmental Scientist
Science Buddies
Environmental scientists use their knowledge of the natural sciences to protect the environment by identifying problems and finding solutions that minimize hazards to the health of the environment and the population. They analyze measurements or observations of air, food, water, and soil to...

Resource Type: Career Information, Curricula and Instruction

Climate Change Analyst
Science Buddies
How is climate change affecting the Earth? What will the changes mean for society? If these are questions that peak your curiosity, then you might be interested in a job as a climate change analyst. Climate change analysts evaluate climate data and research to determine how shifts in the climate...

Resource Type: Career Information, Curricula and Instruction

Occupation Profile: Geographer
CareerOneStop

CareerOneStop occupation profile for a Geographer. View information on this career such as: education, workforce, skills, daily activities, and more.

Resource Type: Career Information, Curricula and Instruction

Geoscientist

Science Buddies

Just as a doctor uses tools and techniques, like x-rays and stethoscopes, to look inside a human body, geoscientists explore deep inside a much bigger patient -- planet Earth. Geoscientists seek to better understand our planet, and to discover natural resources, like water, minerals, and petroleum...

Resource Type: Career Information, Curricula and Instruction