

## Our Science

### What do Earth and space scientists do?

Earth and space scientists are people who explore the surface, interior, oceans, atmosphere, and outer space environment of Earth. They climb dangerous volcanoes and study their explosive nature, measure the violent shaking of deadly earthquakes, investigate how Earth's tectonic plates collide to form tremendous mountain ranges and deep valleys, and send sound waves through the crust to explore for oil, natural gas, and minerals. They dive to the bottom of the ocean, fly through hurricanes and chase tornados, forecast tomorrow's weather, rocket into outer space, and even walk on the Moon! Our scientists enjoy teaching and communicating their exciting discoveries and experiences to you. Continue reading and you will discover more about the exciting and important jobs that they do.



Earth is a complex system made up of four interacting components — **rocks, water, air and life** — and is surrounded by outer space. The jobs that scientists do can be grouped according to what part of the system they study.

Earth and space scientists study how rocks, water, air, space, and life interact with each other to understand how the global system works. What they learn increases our sense of wonder, encourages us to ask new questions, and allows us to make wise use of Earth's many resources. Scientists welcome YOU to join them in these efforts! There are all sorts of jobs — in schools and universities, government agencies, small and large business organizations, corporations, non-profit organizations, and

the news media. Computer and technology specialists who assist scientists are in high demand. For now, take all of the math, science and computer classes that you can, but also sharpen those language skills so that you can communicate what you learn. Finally, explore further the many fascinating subjects of the Earth and space sciences. [Look for a career](#) that really grabs you, and also allows you to make a difference!

