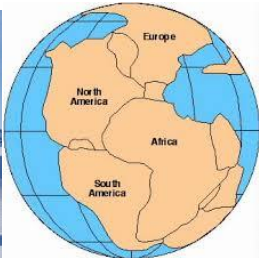


Why Geologists Love Earth Day

Another Word Roots Lesson for Earth Day – Geo

Do you like rocks? Many people find rocks fascinating. If you are one of those people you might want to become a geologist. A geologist is a scientist who works in geology - the study of the physical history of the earth, the rocks of which it is composed, and the physical, chemical, and biological changes that the earth has undergone or is undergoing. The word geology comes from two Greek word roots – **geo**, meaning **earth** or land, and **-ology** which means the study of. So, geology means the branch of science that studies the earth and its features. Geologists study volcanoes and earthquakes; they also study the various materials that make up the earth, such as oil and minerals. The study of geology can be quite fascinating.

Knowing that the word root **pan** means **all**, why do you think that the word **Pangea** refers to the supercontinent that included almost all the landmasses on Earth in early geological times?



See if you can figure out the “earth” connection in these words: **geography**, **geometry**, **geode**, **geothermal**, **geocentric**, and **geodesic** dome and sphere. Can you match each image above with one of these “geo” words? If you need help, look them up in an online dictionary.

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