

Introduction to Earth Science

What Is Earth Science?

Earth science is and what Earth scientists study.

Fill in the blank with the name of each branch and list some of the things that are studied. For more information on this Reading Strategy, see the Reading and Study Skills in the Skills and Reference Handbook at the end of your textbook.

geology	a. Earth, earthquakes, mountains, volcanoes, Earth's history
oceanography	c. composition and movements of seawater, coastal processes, surface topography, marine life
meteorology	e. atmosphere, weather, climate
astronomy	g. universe, solar system

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Overview of Earth Science

1. ☒ Circle the letters of the topics studied in Earth science.

- ☒ a. Earth's atmosphere
- ☒ b. Earth's surface
- ☒ c. Earth's neighbors in space
- ☒ d. Earth's interior

2. What are some of the subdivisions of Earth science? The subdivisions of Earth science include geomorphology, geophysics, geology, paleontology, oceanography, meteorology, and astronomy.

3. What does the word geology mean? The word geology means "study of Earth."

4. Is the following sentence true or false? Geology is divided into two broad areas—physical geology and historical geology. true

5. What do physical geologists study? Physical geologists study the materials that make up Earth and the processes that shape our planet.

6. Rocks and minerals form in response to Earth's internal and external processes.

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M Woodhall



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