

Chapter 1 Introduction to Earth Science

Section 1.1 What Is Earth Science?

This section explains what Earth science is and what Earth scientists study.

Reading Strategy

Categorizing As you read about the different branches of Earth science, fill in the column 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
b. oceanography	c. composition and movements of seawater, coastal processes, seafloor topography, marine life
d. meteorology	e. atmosphere, weather, climate
f. astronomy	g. universe, solar system

Overview of Earth Science

- ☞ 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
- What are some of the subdivisions of Earth science? The subdivisions of Earth science include geochemistry, geophysics, geobiology, paleontology, oceanography, meteorology, and astronomy.
- What does the word *geology* mean? The word geology means "study of Earth."
- Is the following sentence true or false? Geology is divided into two broad areas—physical geology and historical geology. true
- What do physical geologists study? Physical geologists study the materials that make up Earth and the processes that shape our planet.
- Rocks and minerals form in response to Earth's internal and external processes.

Answers For Apexvs Earth Science

Minjie Lin



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Earth Science Jack Rudman,1980 **1001 [Thousand and One] Questions Answered about Earth Science**

Richard M.. Pearl,1962 *1001 Questions Answered about Earth Science* Richard Maxwell Pearl,1962 Earth Science

Wayne H. Garnsey,Virginia Page,2000-10 Prepares students for the new standards and the commencement level PS Earth Science Test Challenges with content based multiple choice short and extended constructed response questions Features process skills activities in information systems interconnectedness and interdisciplinary problem solving Correlates PS Earth Science key ideas on Earth dimensions rocks and minerals dynamic crust surface processes water cycle and climate astronomy and environmental awareness Fosters mastery with practice on four recent tests for practice **Earth Science**

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Hatfield,Frederick Lutgens,2011-08-02 **1001 Answers to Questions about Earth Science** Richard Maxwell Pearl,1962

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Answers Samuel N. Namowitz,1975

Review of Earth Science Robert B. Sigda,1994

Earth Science ,2001

Concepts and Challenges in Earth Science Leonard Bernstein,1998 Earth science is one of the major fields of science It is the study of the earth and its history Earth science is also the study of changes on the earth and the earth's place in space Earth science is like a jigsaw puzzle made up of four pieces Each piece is a main branch of earth science The four main branches are geology oceanography meteorology and space science p 2

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