



# CH. 1 INTRO TO EARTH SCIENCE STUDY GUIDE

## Vocabulary

### 1.1 What Is Earth Science?

Earth science, p. 2; geology, p. 2; oceanography, p. 3; meteorology, p. 3; astronomy, p. 3

### 1.2 A View of Earth

hydrosphere, p. 7; atmosphere, p. 7; geosphere, p. 7; biosphere, p. 7; core, p. 8; mantle, p. 8; crust, p. 8

### 1.3 Representing Earth's Surface

latitude, p. 11; longitude, p. 11; topographic map, p. 14; contour line, p. 14; contour interval, p. 14

### 1.4 Earth System Science

system, p. 16

### 1.5 What Is Scientific Inquiry?

hypothesis, p. 23; theory, p. 2

	Never	Sometimes	Usually	Always
I maintained a positive attitude				
I stayed focused and alert during class				
I asked questions when I was confused				
I participated in classroom discussion and answered questions				
I completed and turned in work from class				
I complete and look over my bellringers				
I concentrated on taking good notes to help me review				
I took my notebook home to study for the test				

## Reviewing Content

Choose the letter that best answers the question or completes the statement.

- The science that deals with the study of the atmosphere is  
 a. oceanography.  
☒ b. meteorology.  
 c. geology.  
 d. astronomy.
- Lines of latitude describe position  
☒ a. north or south of the equator.  
 b. east or west of the equator.  
 c. north or south of the prime meridian.  
 d. east or west of the prime meridian.
- The Robinson map projection is considered very useful because  
☒ a. all of the continents are the same size.  
☒ b. most distances, sizes, and shapes are accurate.  
 c. it shows landmasses in three dimensions.  
 d. features along latitude lines are accurate.
- Which of the following maps shows the three dimensions of Earth's surface?  
☒ a. Mercator projection  
☒ b. Topographic  
 c. Gnomonic  
 d. Conic
- What makes a hypothesis scientifically useful?  
☒ a. Many people think it is a good idea.  
☒ b. It can be tested.  
 c. It contains numerical data.  
 d. It applies directly to Earth science.
- On a topographic map, contour lines that are closer together indicate  
☒ a. forest.  
☒ b. a steeper slope.  
 c. a mountain top.  
 d. roads.
- The \_\_\_\_\_ strongly influences the other three "spheres" because without life their makeup and nature would be much different.  
 a. Atmosphere  
 b. Hydrosphere  
☒ c. Geosphere  
☒ d. Biosphere
- The science that includes the study of the composition and movements of water, as well as coastal processes, the seafloor, and marine life is \_\_\_\_\_.  
☒ a. Geology  
☒ b. Oceanography  
 c. Meteorology  
 d. Astronomy

# Laboratory Earth Science Study Guide Answers

**Yi-Tong Ma**



## **Laboratory Earth Science Study Guide Answers:**

## The Enigmatic Realm of **Laboratory Earth Science Study Guide Answers**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Laboratory Earth Science Study Guide Answers** a literary masterpiece penned by a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those that partake in its reading experience.

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