



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

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