



# 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 belongings				
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

# Earth Science Chapter 31 Study Answers

**N Noddings**



## **Earth Science Chapter 31 Study Answers:**

Nuclear Science Abstracts ,1975     *Heath Earth Science* Nancy E. Spaulding,1999     *Advances in Nanotechnology Research and Application: 2011 Edition* ,2012-01-09 *Advances in Nanotechnology Research and Application 2011 Edition* is a ScholarlyEditions eBook that delivers timely authoritative and comprehensive information about Nanotechnology The editors have built *Advances in Nanotechnology Research and Application 2011 Edition* on the vast information databases of ScholarlyNews You can expect the information about Nanotechnology in this eBook to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant The content of *Advances in Nanotechnology Research and Application 2011 Edition* has been produced by the world s leading scientists engineers analysts research institutions and companies All of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at ScholarlyEditions and available exclusively from us You now have a source you can cite with authority confidence and credibility More information is available at <http://www.ScholarlyEditions.com>     Life on Earth Teresa Audesirk,Gerald Audesirk,Bruce E. Byers,2008 *Life on Earth Fifth Edition* introduces readers to biology through real world applications and expanded human interest case studies that run throughout each chapter From the authors of the highly successful *Biology Life on Earth Eighth Edition* *Life on Earth Fifth Edition* provides the most extensive environmental and ecology coverage of any text on the market with an Earth Watch feature box that appears throughout the text and new to this edition a chapter covering conservation biology Chapter 31 *Conserving Life on Earth* An Introduction to Life on Earth Atoms Molecules and Life Cell Membrane Structure and Function Cell Structure and Function Energy Flow in the Life of a Cell Capturing Solar Energy Photosynthesis Harvesting Energy Glycolysis and Cellular Respiration The Continuity of Life How Cells Reproduce Patterns of Inheritance DNA The Molecule of Heredity Gene Expression and Regulation Biotechnology Principles of Evolution How Populations Evolve The History of Life on Earth The Diversity of Life Plant Form and Function The Plant Life Cycle Homeostasis and the Organization of the Animal Body Circulation and Respiration Nutrition Digestion and Excretion Defenses against Disease Chemical Control of the Animal Body The Endocrine System The Nervous System and the Senses Animal Reproduction and Development Animal Behavior Population Growth Community Interactions How Do Ecosystems Work Earth s Diverse Ecosystems *Conserving Life on Earth* For all readers interested in biology

Addison-Wesley Science Insights ,1996     **Physical Science** Verne Hobson Booth,Mortimer L. Bloom,1972

**Chemical News and Journal of Physical Science** ,1914     English Mechanic and World of Science ,1891     **English Mechanic and Mirror of Science** ,1891     **Study Guide for Zoology, an Introduction to the Study of Animals** Richard A. Boolootian,1979     **A Commentary, Critical and Explanatory, on the Old and New Testaments** Robert Jamieson,1871     *Why Do I Believe?* Enoch Ernest Bramwell,1926     **Catholic School Journal** ,1965     **The Preacher's Complete Homiletical Commentary on the Old Testament: Genesis** ,1892     Leaves of Healing ,1927     The Weekly

Review ,1892      Industrial Arts Index ,1923      **Science** John Michels (Journalist),1889      An Illustrated Commentary on the Gospel According to St. John Lyman Abbott,1879      **The Chemical News and Journal of Physical Science** ,1914

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