



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

Chapter 1 study Guide Earth Atmosphere Answers

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Glencoe Science: The air around you, 2002 **Climatology** Robert V. Rohli, Anthony J. Vega, 2017-06-05 Praised for its detail and accuracy *Climatology* continues to lead as the most comprehensive presentation of our dynamic climate system The fourth edition features a completely revised full color art program that enhances clarity and gradation of all maps climographs and images to help readers better understand the diversity of climate within varying climate types

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Study Guide Christopherson,2003-07 The study guide includes additional learning objectives a complete chapter outline critical thinking exercises problems and short essay work using actual figures from the text and a self test with answer key in the back

Science Explorer: Sound and Light Michael J. Padilla, Ioannis Miaoulis, Martha Cyr,2009

Environmental Chemistry (Volume-I) Dr. Benvikram Barman, Dr. Bhupendra Singh Banjare, Dr. Deepak Kumar Sahu, Dr. Swati Chandrawanshi , Dr. Shobhana Ramteke, Ms. Rashmita Khuntia,2025-09-19 Environmental Chemistry Volume I DSE Based on Syllabus of NEP 2020 is a comprehensive textbook that explores the intricate relationship between chemistry and the environment Designed for students educators and researchers this volume presents a planned study of fundamental environmental concepts and processes integrating both theoretical and applied aspects The book begins with a strong foundation in environmental chemistry and systematically covers the essential components of the environment including the biosphere hydrosphere lithosphere and atmosphere It emphasizes ecological principles classification of ecosystems and the functioning of biogeochemical cycles highlighting the circulation of nitrogen carbon phosphorus hydrogen and oxygen which are vital for sustaining life on Earth Further the volume addresses critical environmental issues such as thermal pollution noise pollution and water related concerns Detailed discussions include the origin physico chemical properties and sources of water the hydrological cycle criteria of water quality and modern water management practices like watershed management and rainwater harvesting The book also provides insights into water pollution its sources harmful effects and control strategies The atmospheric portion of the text examines the structure major regions and composition of the atmosphere along with an in depth discussion on temperature

inversion and its role in air pollution episodes This volume serves as an essential resource for undergraduate and undergraduate postgraduate students of chemistry environmental science and related fields It will also benefit academicians and researchers with sustainable environmental management Foundations of Earth Science Study Guide Edward J. Tarbuck,2001-02-15 Includes Learning Objectives Chapter Review Chapter Outline Vocabulary Review Key Terms Comprehensive Review and Practice Tests **Study Guide** Stanley Chericoff,2001-08 From Edward E Chatelain Valdosta State University Georgia this study guide helps students review and master the key ideas from every chapter through labeling exercises Chapter Reviews with matching statements plus Practice Tests and Challenge Tests that consist of multiple choice true false matching and short essay questions *Modules* McDougal Littell Incorporated,2005 *Earth's Waters: Teacher's ed* ,2005 **Students Study Guide** Fredeen,Pearson,2003-07 **Study Guide for Life on Earth** P.S. Associates,1978 **Elementary Science** John Gaylord Coulter,1917 *Universe* Roger Freedman,Robert Geller,William J. Kaufmann,2014-04-01 This comprehensive textbook for the two term course focuses students on not only the foundational concepts of astronomy but on the process of scientific discovery itself how we know what we know about the cosmos Engagingly written and filled helpful pedagogical tools the book also excels at dispelling widely held misconceptions and helping students avoid common pitfalls as they explore the heavens Thoroughly updated the new edition features the latest discoveries and new pedagogy and is supported by an expanded media supplements package centered on W H Freeman s extraordinary new online course space LaunchPad **Reading in the Content Area with Literature Connections** ,2000

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