

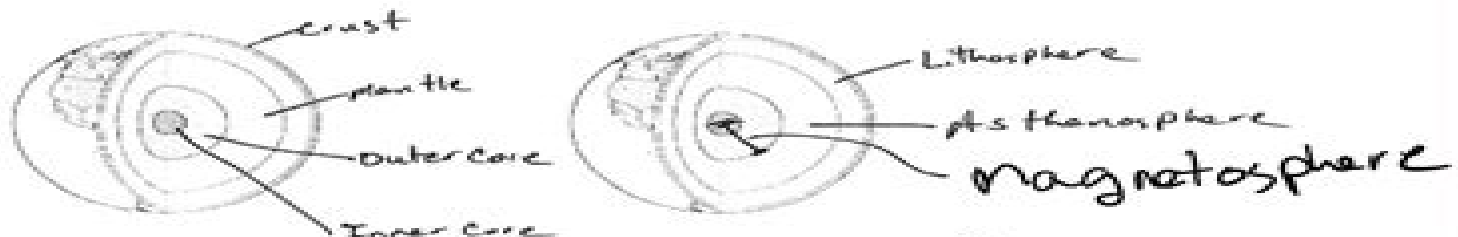
Geology: Quarter 2 Study Guide

Name: _____ Hour: _____

Layers of the Earth

Draw and Label the following layers of the Earth. You will want to also mention the state of matter for each of these layers and how we know of the transitions.

Crust	Mantle	Outer Core	Inner Core
Lithosphere	Asthenosphere	Mesosphere	



Which of the layers is the most dense and why? Inner core - Pressure

Which layer is the thinnest? Crust which is the thickest? Mantle

What are the main elements of the crust and mantle? Silicon + Oxygen

What are the main elements present in the cores? Iron + Nickel

In the crust, the main rocks that makeup the continental crust is Granite and oceanic crust is mainly composed of Basalt.

Plate Tectonics and Continental Drift

Define the following:

Continental Drift: Hy Potnesz by Alfred Wegener that said continents drifted. Based on limited evidence.

Plate Tectonics: Theory that was developed by discussing Plate movement at tectonic

Supporting evidence for Continental Drift includes: Fossils (Glossypterus), Glacial markings is current tropical areas, continents seem to fit together

Supporting Evidence for Plate Tectonics includes: Earthquake data, GPS measurements, topography of seafloor.

Know the order of formation of the following supercontinents:

Historical Geology Study Guide Answers

John R. Carpenter



Historical Geology Study Guide Answers:

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fifty photographs that help clarify difficult concepts this easy to follow book is an interactive resource for anyone interested in learning more about our planet Whether you are new to geology or want to refresh and update your knowledge the proven self teaching guide approach will allow you to work at your own pace check your progress and learn more about this fascinating field of study *The Way the World Works* John R. Carpenter, 2013-05-08 *The Way the World Works* as partially figured out by John R Carpenter establishes the compatibilities to settle long standing disagreements between atheists and religious devotees In his desire to demonstrate that science and religion can co exist the author pens an illuminating book that attempts to reconcile these two purportedly opposing concepts in *The Way the World Works* A valuable volume this book deals with the areas in which science and religion are too often seen to be in conflict with each other and will provide readers with examples of how existing controversies between science and religion do not have to end in either or but can often end in both and An established man of science and a Christian Carpenter provides evidence that religion and science are two sources of inspiration and elucidation that are neither antithetical nor hostile to each other Rather they are synergistic and mutually advantageous that when joined together produces an effect greater than the sum than what they emit independently

Report of the Federal Security Agency United States. Office of Education, 1896 *Report of the Commissioner of Education*, 1896 **House documents**, 1896 **Report of the Commissioner of Education Made to the Secretary of the Interior for the Year ... with Accompanying Papers** United States. Bureau of Education, 1896 *Proceedings of the National Science Foundation Workshop on the Role of Faculty from the Scientific Disciplines in the Undergraduate Education of Future Science and Mathematics Teachers*, 1993 **Historical Geology** Reed Wicander, James Stewart Monroe, 2000 HISTORICAL GEOLOGY EVOLUTION OF EARTH AND LIFE THROUGH TIME THIRD EDITION teaches students the basic principles of the physical and biological events of Earth's history as well as how scientists apply these principles to unravel the history of Earth Authors Wicander and Monroe present a balanced overview of both the geological and biological history of the Earth as a continuum of inter related events These events reflect the underlying principles and processes that have shaped our planet The authors also explain the historical development of these basic principles and processes and their importance in deciphering the history of Earth Three major themes time evolutionary theory and plate tectonics are woven throughout the book These themes help readers link what may seem like unrelated material and are essential for understanding historical geology Included with every new copy of this edition is In TERRA Active tm 2 0 CD ROM *Annual Report of the Department of the Interior* United States. Department of the Interior, 1896 [The Earth Through Time](#) Harold L. Levin, 2009-10-05 This best selling historical geology text provides geologists with an excellent balance of basic geology and paleontology The ninth edition presents rich authoritative coverage of the history of the Earth offering the most comprehensive history in the discipline today It maintains its strong approach to stratigraphy and paleontology that other

texts have lost The text s paleogeographic maps are excellent in detail and are a vital component in understanding the earth s history Stunning artwork brings the ancient world to life Geology of National Parks boxes encourage them to visit these parks to appreciate their geological significance Geologists will also appreciate the questions about past geologic events and the processes used in finding answers

Historical Geology Study Guide Answers Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Historical Geology Study Guide Answers**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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