

Dynamic Earth Interactive: Plate Tectonics

Grade 8 Earth Science

Name:

Core:

Date:

Instructions

This worksheet is intended to be used with the "Dynamic Earth" interactive web site at:
<http://www.learner.org/interactives/dynamicearth/index.html>

To complete this worksheet go to the web site at the address listed above, then follow the links. Be sure to follow each link all the way, roll your mouse over the diagrams wherever it says to do so, and take each "Challenge".

Earth's Structure

1. The outermost layer of the Earth is the _____. It is thickest under the _____ and thinnest under the _____.
2. What is the mantle made of?
3. The lithosphere is made up of the _____ and a small part of the _____.
4. The lithosphere is divided into several constantly moving _____ that hold the _____ and the _____.
5. The plates of the lithosphere move on the _____, which is very hot and _____.
6. What does the word "malleable" mean?

Answer Key To The Dynamic Earth

Lingjun Ying



Answer Key To The Dynamic Earth:

The Shock and Vibration Digest, 1990 **Academic Listening Encounters: The Natural World Teacher's Manual**
Yoneko Kanaoka, 2009-03-23 A content based reading writing listening and speaking set that introduces students to topics in Earth science and biology *Decision Science for Future Earth* Tetsukazu Yahara, 2021-01-29 This open access book provides a theoretical framework and case studies on decision science for regional sustainability by integrating the natural and social sciences The cases discussed include solution oriented transdisciplinary studies on the environment disasters health governance and human cooperation Based on these case studies and comprehensive reviews of relevant works including lessons learned from past failures for predictable surprises and successes in adaptive co management the book provides the reader with new perspectives on how we can co design collaborative projects with various conflicts of interest and how we can transform our society for a sustainable future The book makes a valuable contribution to the global research initiative Future Earth promoting transdisciplinary studies to bridge the gap between science and society in knowledge generation processes and supporting efforts to achieve the UN s Sustainable Development Goals SDGs Compared to other publications on transdisciplinary studies this book is unique in that evolutionary biology is used as an integrator for various areas related to human decision making and approaches social changes as processes of adaptive learning and evolution Given its scope the book is highly recommended to all readers seeking an integrated overview of human decision making in the context of social transformation **NBS Special Publication**, 1968 Publications United States. National Bureau of Standards, 1971 *Publications of the National Bureau of Standards* United States. National Bureau of Standards, 1978
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