

THE GEOLOGY STUDENT NOTEBOOK

A Geological Notebooking Adventure



The Geology Student Notebook

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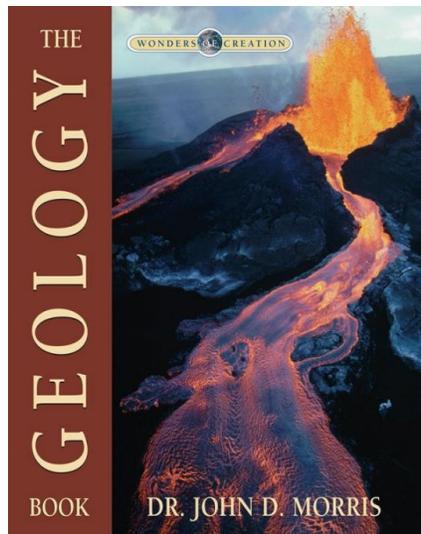
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Acknowledgement

The Wonders of Creation series published by Master Books is a favorite among many homeschoolers. That is why, with the publisher's permission, we've created this student notebook that you can use alongside the textbook. It's a great way to help your students go deeper in their understanding and retention of the material and provides room for notebooking, diagramming, and more.



Rocks firmly anchored to the ground and rocks floating through space fascinate us. Jewelry, houses, and roads are just some of the ways we use what has been made from geologic processes to advance civilization. Whether scrambling over a rocky beach, or gazing at spectacular meteor showers, we can't get enough of geology!

The Geology Book will teach you about:

- what really carved the Grand Canyon
- how thick the Earth's crust is
- the varied features of the Earth's surface—from plains to peaks
- how sedimentary deposition occurs through water, wind, and ice
- effects of erosion and ways in which sediments become sedimentary rock
- fossilization and the age of the dinosaurs
- the powerful effects of volcanic activity
- continental drift theory
- radioisotope and carbon dating and geologic processes of the past

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Companion notebooks for all the titles in the Wonders of Creation series are available now!

Books in this series include:

- *The Archaeology Book*
- *The New Astronomy Book*
- *The New Ocean Book*
- *The Fossil Book*
- *The Cave Book*
- *The Geology Book*
- *The Ecology Book*
- *The Mineral Book*
- *The New Weather Book*

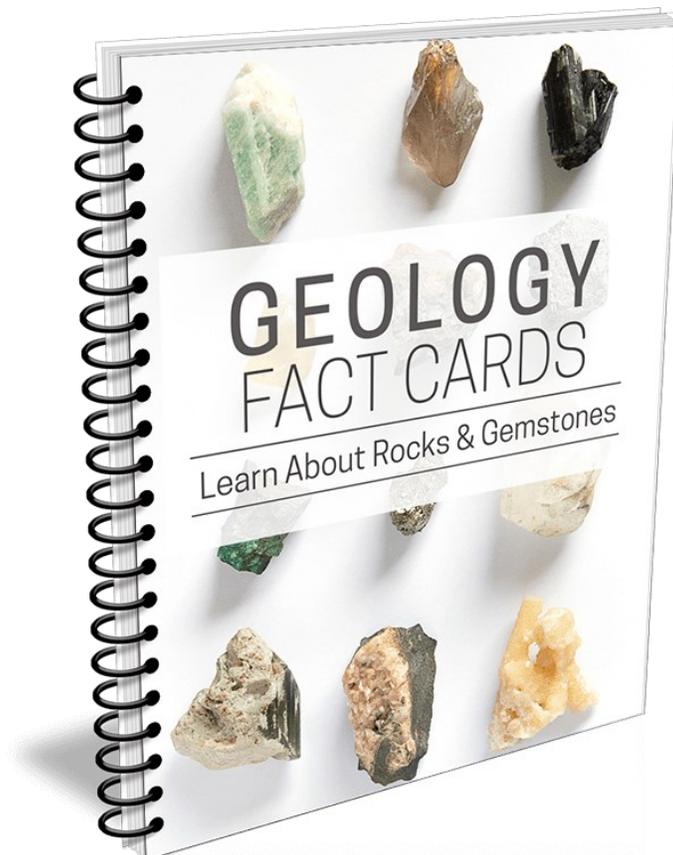
Learn more at <https://www.masterbooks.com/wonders-of-creation-9-book-set> and find our companion notebooks at <https://dailyskillbuilding.com/product-category/master-books-wonders-of-creation-companion-notebook-series/>.



Recommended Geology Resource

You may also enjoy these [Geology Fact Cards](#) that include:

- Cheat sheets for 12 types of rocks, showing their name, type, color, and uses
- Cheat sheets for 8 gemstones and minerals, showing some of the locations where they can be found as well as their color and uses
- Fact cards of all 20 rocks, gemstones, and minerals, including pictures of each along with their type or location, color, and uses
- Blank fact cards for 20 rocks, gemstones, and minerals where students can fill in their type or location, color, and uses



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Introduction and Unit One: Planet Earth

Vocabulary

Your vocabulary words for this unit are below. Using the information found in the glossary of *The Geology Book*, write the definition of each word.

basalt

catastrophism

core

crust

granite

mantle

plate

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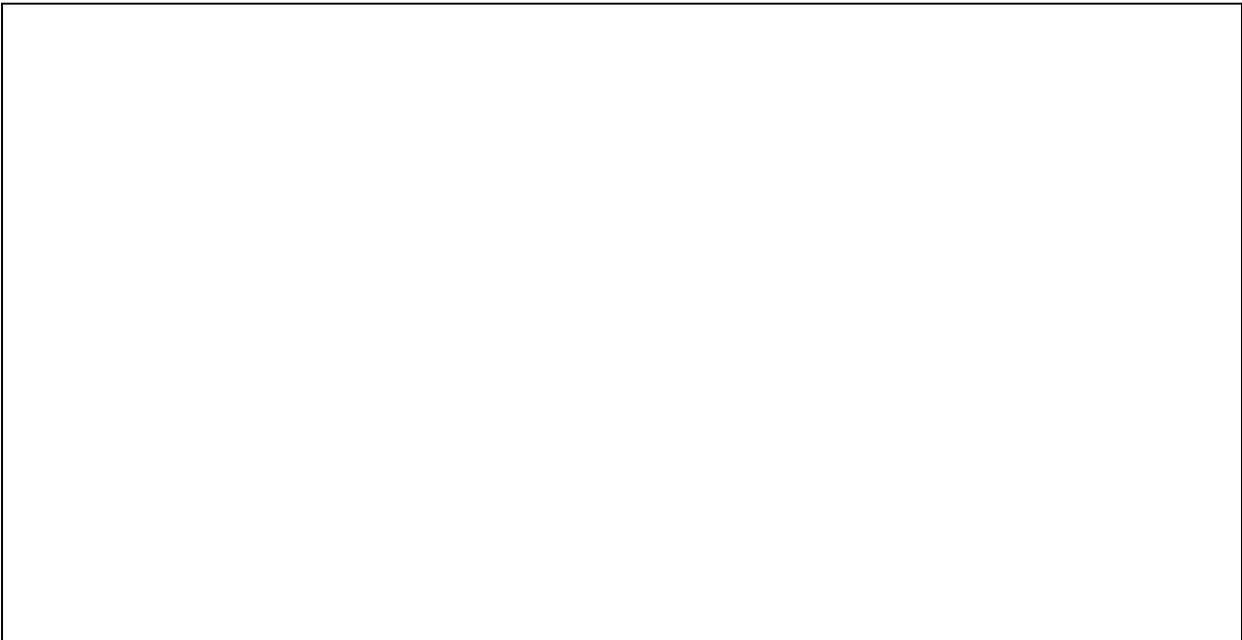
Planet Earth

Read pages 6-9 of *The Geology Book* and answer the questions with what you learn.

What is one major difference between the inner four planets and the next four planets from the sun?

How deep would the ocean be if the earth's solid material was completely smooth?

Illustrate and label the image of our solar system as shown on page 6.



Since we can't drill all the way into the earth, how have scientists come to understand what the inside of the planet is most likely made of?

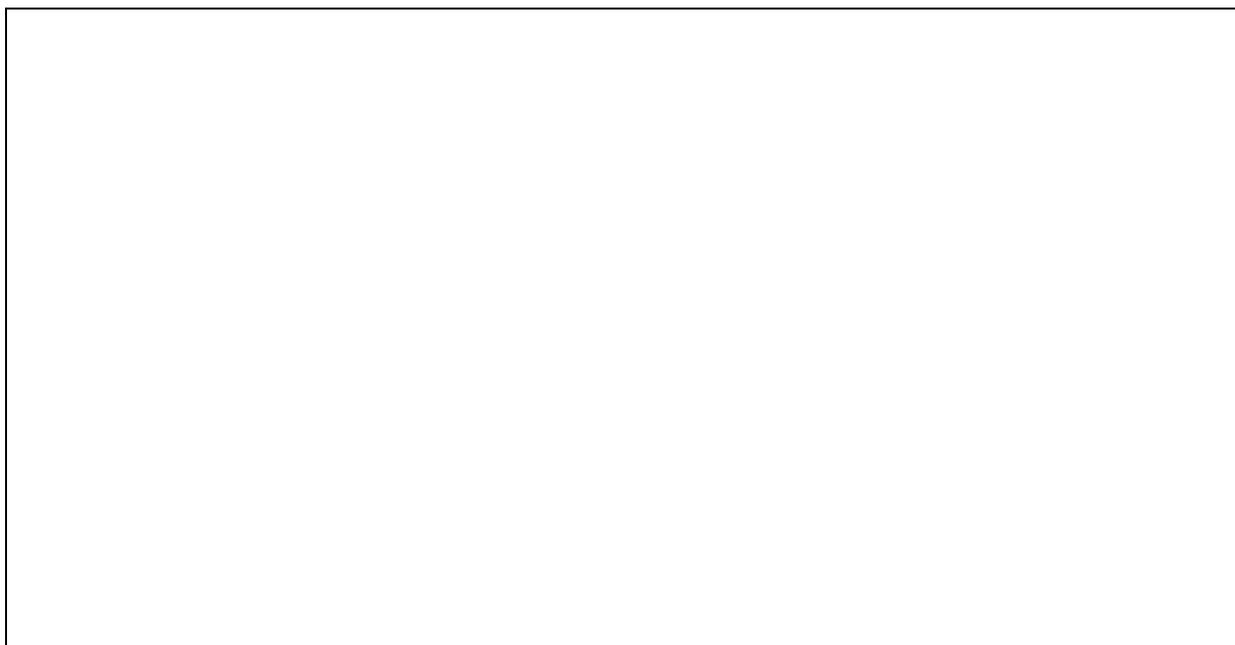
How many main zones is the earth divided into? _____

What is the result of the earth having an iron core? _____

What does this protect us from? _____

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Illustrate and label the image of the layers of the earth as shown on page 7.



Why is the inner core solid? _____

How thick is the crust of the earth? _____

How thick is the mantle? _____

What do scientists think is in the uppermost part of the mantle? _____

What does this allow the continental crust to do? _____

What are the four reasons given that the earth is unique for life?

1. _____

2. _____

3. _____

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4. _____

Illustrate these four reasons.

What is the earth made up of? _____

What do these combine together to make? _____

If they combine in a geometric pattern, what do they form? _____

What are the two categories we divide the earth's crust into? List and explain each one.

1. _____

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2. _____

What are huge regions of the earth's crust called? _____

What happens more frequently along their edges? _____

What surrounds the earth's crust? Why is it important? _____

Copy John 1:1-3 in your best handwriting.

"In the beginning was the Word, and the Word was with God, and the Word was God. He was in the beginning with God. All things were made through him, and without him was not any thing made that was made." John 1:1-3
