

THE FOSSILS STUDENT NOTEBOOK

A Paleontological Notebooking Adventure



The Fossils Student Notebook

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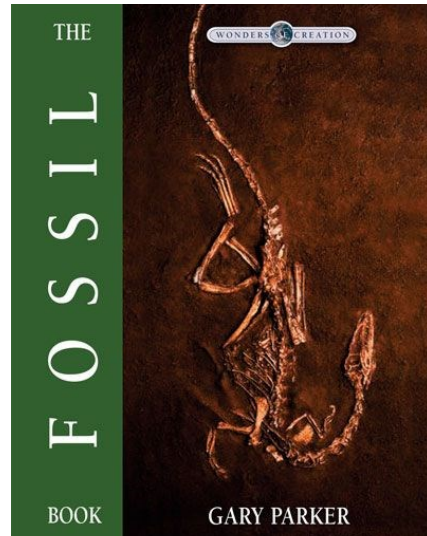
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Acknowledgement

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.



Fossils have fascinated humans for centuries. From the smallest diatoms to the largest dinosaurs, finding a fossil is an exciting and rewarding experience. But where did they come from, and how long have they been around? These and many other questions are answered in this remarkable book.

The Fossil Book will teach you about:

- The origin of fossils
- How to start your own fossil collection
- What kinds of fossils can be commonly found
- Age of fossils and the Geologic Column Diagram
- How scientists find and preserve fossils
- How to identify kinds of fossils and how the Flood affected fossil formation
- The difference between evolutionists' and creationists' views on fossils
- The "four Cs" of Biblical creation
- The different kinds of rocks and fossils found in coal

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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/>.



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Introduction & Unit One: Fossils, Flooding, and Sedimentary Rock

Vocabulary

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

4 Cs

creationist

evolutionist

fossil

paleontology

permineralized

petrified

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polystrates

sediments

As you read the unit, write any words that you are not familiar with below. Look up their definitions and write them beside the words.

[illegible]

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Fossils, Flooding, and Sedimentary Rock

Read pages 4-17 of *The Fossil Book* and answer the questions with what you learn.

What do paleontologists study? _____

How is this similar to a Disaster Scene Investigator? _____

The Bible is the key to understanding what in relation to paleontology? _____

What are the 4 Cs of Biblical history?

1. _____

2. _____

3. _____

4. _____

In contrast, what does TCSD stand for? _____

How long have scientists been studying fossils? _____

What did the term "fossil" originally include? _____

Today, what do we call products crafted by humans and the science that deals with them?

Today, what do we call scientists who study gems and minerals? _____

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How do paleontologists define a fossil today? _____

Where are the vast majority of fossils preserved? _____

Name the three types of the kind of rock mentioned and their abbreviations.

What are sediments? _____

What is an example of a sediment transported and deposited by wind? _____

What is a much more powerful agent for accomplishing this? What can it do? _____

What happens as the sediment layers turn into sedimentary rock? _____

How does the solid rock form? _____

Instead of time, what is the key to forming rocks and fossils? _____

What are the two most important conditions for turning sediments into rocks?

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What are the two most common rock cements? Summarize what you learned about each.

When did the vast majority of fossils begin forming? _____

What normally happens to the remains of a plant or animal that dies? _____

What happens when plants and animals are suddenly and deeply buried under catastrophic flood conditions?

To preserve the remains, must fossilization or mineralization begin slowly or quickly?

What is the most common type of fossil? _____

What is the match test? What can it indicate? _____

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How can petrified wood form? _____

Explain how we can have fossilized teddy bears and paper roses. _____

What is leaching? _____

Explain how internal and external molds can form in nature. _____

How do paleontologists make artificial casts? _____

What are carbon films? How are they made? _____

What are the most important fossils? _____

Where are they found, and why are they so important? _____

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Name two examples of fossils that include the entire animal, even soft parts.

What is desiccation? _____

What types of creatures have been preserved in tar? _____

What are pseudofossils? What is an example, and how does it form? _____

What can extra cement in some parts of a sandstone form? _____

What are some types of pseudofossils that can be helpful to paleontologists? _____

What are trace fossils? Name some examples and how they are helpful. _____

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Coal is a fossil fuel and also a what? _____

Explain how evolutionists claim coal forms. _____

How did Dr. Steve Austin propose that coal formed? _____

Explain what was observed concerning the eruption of Mount St. Helens that supports his theory.

What are polystratic tree trunks? What do they indicate? _____

What does the scientific evidence regarding coal seem to point to? _____

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Explain how oil deposits could have formed and what the pressure oil is under can tell us about the age of the earth's crust.

Copy Psalm 90:1-2 in your best handwriting.

"Lord, you have been our dwelling place in all generations. Before the mountains were brought forth, or ever you had formed the earth and the world, from everlasting to everlasting you are God." Psalm 90:1-2

Draw and label the floating mat diagram found on page 17.



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Choose some of the fossils, pseudofossils, or other images from this unit. Draw and label them below.

