

THE CAVES STUDENT NOTEBOOK

An Speleological Notebooking Adventure



The Caves Student Notebook

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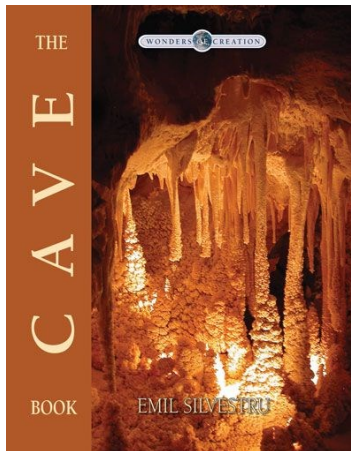
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Acknowledgement



Explore deep into the hidden wonders beneath the surface as cave expert Dr. Emil Silvestru takes you on an illuminating and educational journey through the mysterious world of caves. Discover the beautiful formations, thriving ecology, unique animals, and fragile balance of this little-seen ecosystem in caves from around the globe.

The Cave Book will teach you about a creationary model of how caves form; a history of how caves have been used by humans for shelter and worship; how old caves really are; the surprising world of Neanderthals and their connection to modern humans; how to make a stone axe and about early tools; just how long it really takes for cave formations to form; unusual animals that make caves their home; examples of how caves are connected to the mythology of many cultures; the climate and geologic processes and features of caves and karst rocks; the process by which ice caves form; exploration, hazards, and record-setting caves; how caves form, and features about and below the surface; and more!

Filled with beautiful and fascinating color photos of caves from around the world, *The Cave Book* is a wonderful guide to this hidden world of wonders. Enjoy learning on your journey of exploration into these exciting and mysterious places underground!

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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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Unit Two: Caves and Mythology

Vocabulary

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

chemotrophic

meroclimate

microclimate

moonmilk

speleotherapy

troglobite

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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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Caves and Mythology

Read pages 22-29 of *The Cave Book* and answer the questions with what you learn.

Name a few of the ancient civilizations that included caves in their mythology.

What two items used in alchemy in the Middle Ages came from caves? _____

What ingredient of gunpowder comes from caves? _____

What are some modern ways people use caves? _____

How does echolocation work? _____

What are some of the characteristics of bats that defy evolution? _____

What are three categories of cave-dwelling creatures?

1. _____

2. _____

3. _____

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Copy Deuteronomy 8:14-15 in your best handwriting.

"... you forget the Lord your God, who brought you out of the land of Egypt, out of the house of slavery, who led you through the great and terrifying wilderness, with its fiery serpents and scorpions and thirsty ground where there was no water, who brought you water out of the flinty rock . . ." Deuteronomy 8:14-15

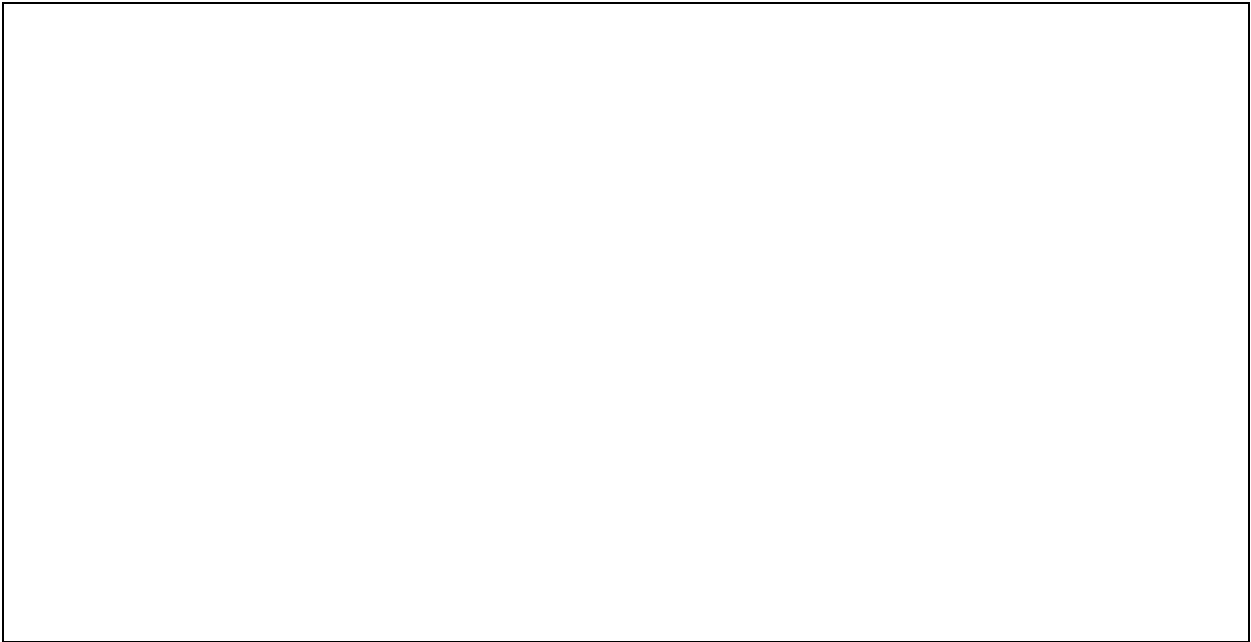
Name some examples of animals that end up in caves accidentally. _____

Name some examples of troglobites. _____

What is the cave olm? _____

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Illustrate and label the examples of cave fauna shown on page 25.



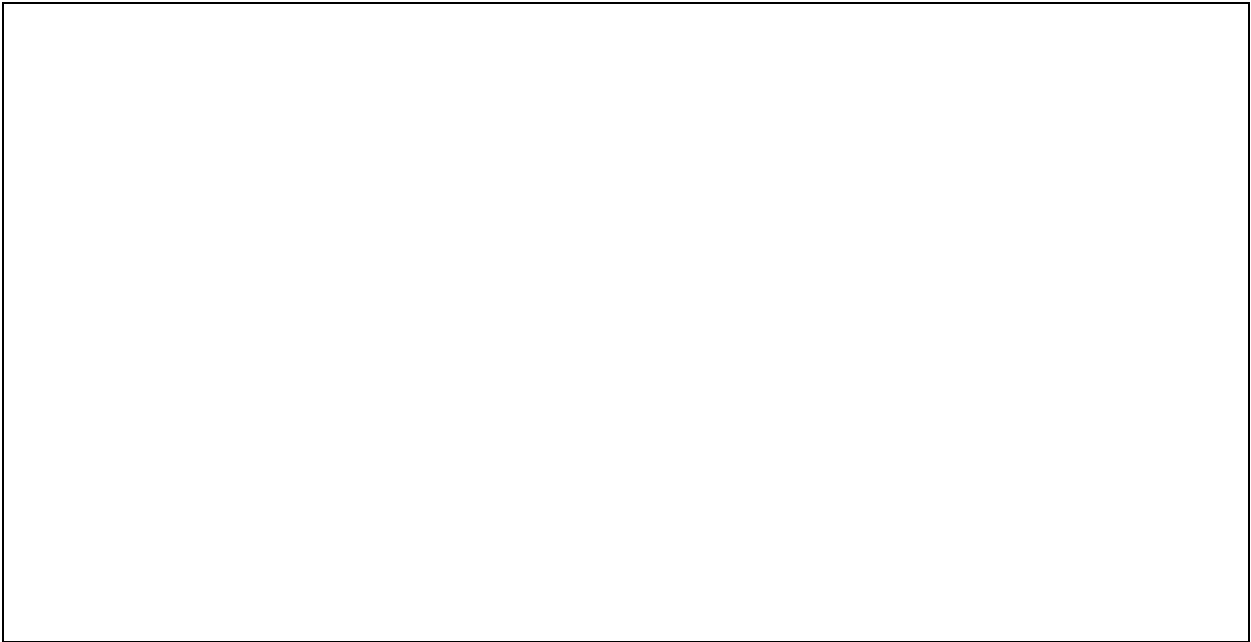
How do the travels of terrestrial cave arthropods support a young Earth? _____

What was discovered in Movile Cave in Romania? _____

How do these creatures survive in total darkness? _____

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Illustrate and label the diagram of Movile Cave as shown on page 26.



How are the adaptations of cave animals evidence against evolution? _____

Human isolation experiments have demonstrated the importance of what cycle?

Name the three types of microclimates mentioned on page 28 and summarize what you learned about each of them.

1. _____

2. _____

3. _____

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What factors impact the temperature in the stability microclimate? _____

What is the humidity like in caves? _____

Summarize what you learned about the types of air circulation in caves. _____

What is present in caves that is a health benefit? _____

Illustrate and label the cave climate diagram shown on page 28.

