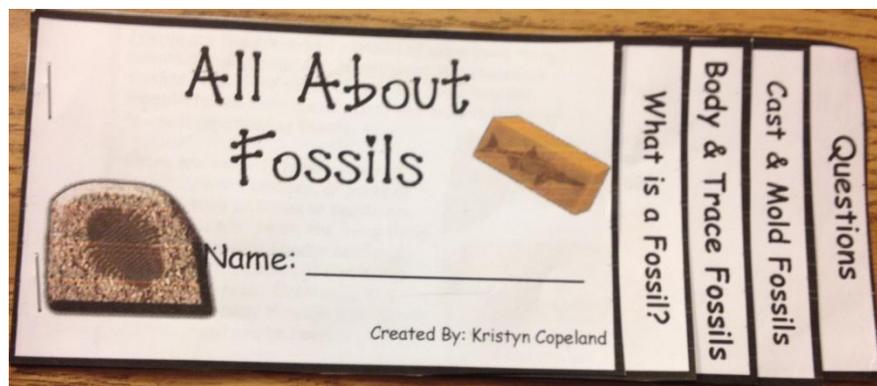


Fossils Flipbook

Perfect for Interactive Science
Notebooks

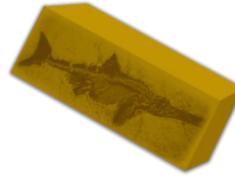


Created By: Kristyn Copeland



Fossils Flipbook: Cut out each piece on the two pages and staple together to form a flipbook. Use the information provided in the book to answer the questions on the last page.

All About Fossils

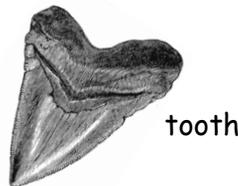


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Fossils are the preserved remains of once-living things (plants and animals). A **paleontologist** is someone who studies fossils and other things that lived long ago. Scientists can learn about plants and animals that lived in the past by studying fossils.

There are many different kinds of fossils. Animal remains, or parts of animals, such as bones or teeth, can become fossils. First, the living thing dies and is covered under sand and soil. After thousands of years, the soil turns to rock. Eventually, the rock is worn away through weathering and the fossil can be seen.



tooth



1st an animal dies and is buried in soil.

What is a Fossil?

Body & Trace Fossils

There are many different types of fossils. Fossils can be categorized into two main categories: **body fossils** and **trace fossils**.

Body fossils are parts of the body of plants or animals that have become fossils. Typically the harder parts of the body preserve best. Bones, teeth, and claws are the most common of these. Eggs are also an example of body fossils. Other body fossils can be found in harden tree sap, known as **amber**.

Trace fossils are fossils that record the movement of animals. Footprints, toothmarks, and burrows and nests are all examples of trace fossils.



amber

mold

cast



Think about a Jello-o mold and the Jell-o. The Jello mold is like a mold fossil. You pour the Jello in, it hardens, and what you get out is the cast.

Cast and Mold Fossils

A **mold fossil** forms when something such as a shell gets buried in the mud. After thousands of years, the mud hardens and turns into rock. The shell decomposes and eventually disappears. The shape of the shell is now left in the rock and is now a mold fossil.

After the mold fossil is formed, it can become filled with minerals, sand, and mud. Over thousands of years, those materials that filled the mold become rock. This hardened rock is the same shape as the original shell that created the mold. This is a cast fossil.

Cast & Mold Fossils

Directions: Use your flipbook to answer the following questions.

1. What is a fossil? _____

2. _____ fossils are fossils that record the movement of animals.
3. What are the two main **categories** of fossils? _____

4. A _____ is someone who studies fossils and other things that lived long ago.
5. What type of fossil forms when minerals, sand, and mud fill a mold fossil and harden? _____
6. A(n) _____ fossil is the remains of an animal in hardened tree sap.
7. What is the first step in how a fossil is formed? _____

Questions

Directions: Use your flipbook to answer the following questions.

1. What is a fossil? **The preserved remains of once-living things (plants and animals)**
2. **trace** fossils are fossils that record the movement of animals.
3. What are the two main **categories** of fossils? **body and trace**

4. A **paleontologist** is someone who studies fossils and other things that lived long ago.
5. What type of fossil forms when minerals, sand, and mud fill a mold fossil and harden? **cast**
6. A(n) **amber** fossil is the remains of an animal in hardened tree sap.
7. What is the first step in how a fossil is formed? **A plant or animal dies and is then covered by sand and soil.**

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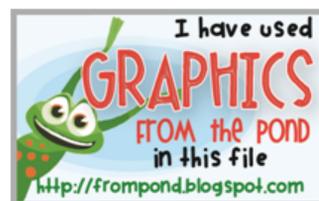
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