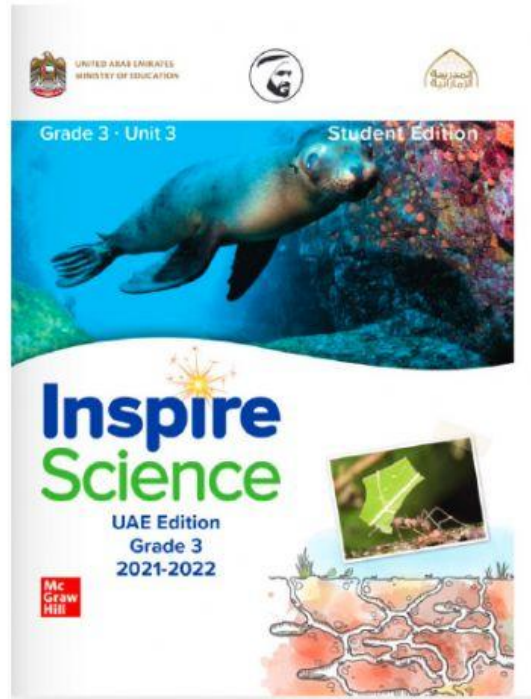


Grade 3 Revision Guide



Unit 3 - Part 2: Change the Environment

Lesson 1: Fossils

Lesson 2: Change the environment

By Miss Eman Ali Nasser

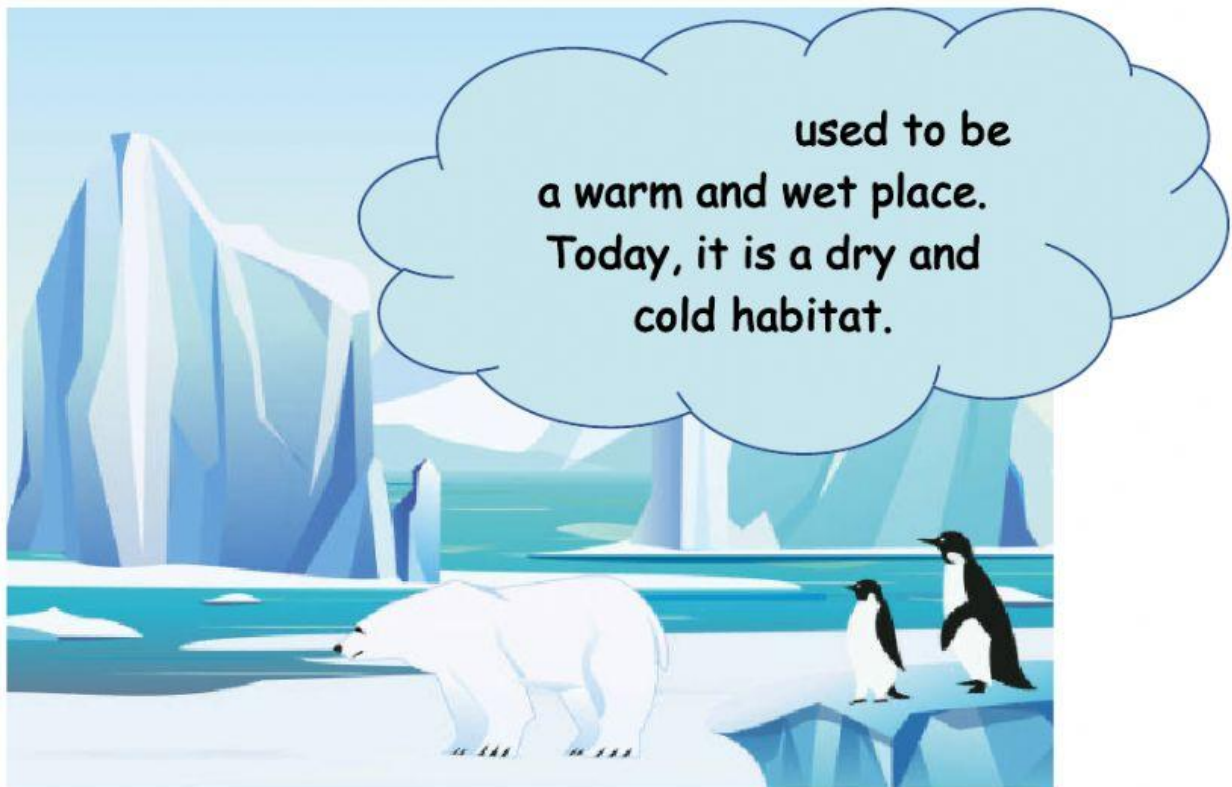
Lesson 1

Fossils help us learn about animals and the environment that once existed. Some animal species are **endangered** and at risk of **extinction**.

- o Animal species that no longer exist today are **extinct**.



- o Scientists use **fossils** to learn about how Earth's **environment** has changed.



- Scientists use **fossils** to learn about animals that once existed.
Fossils can be **traces** or **preserved remains** of organisms.

Preserved remains ○

A trace of the remains of living things that died long time ago.

Fossils ○

Imprints of organisms in mud or clay.

Trace fossils ○

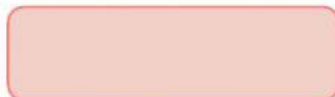
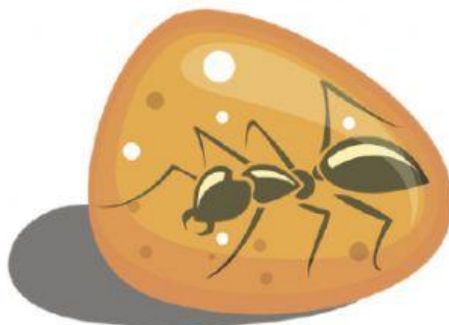
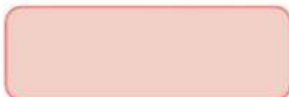
Actual remains of organisms in tree sap, tar, or ice.

Mold ○

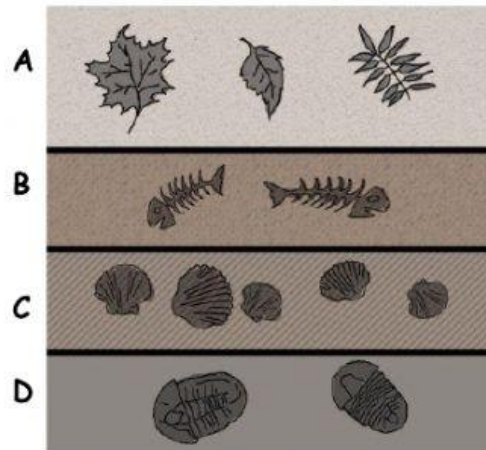
A solid copy of the shape of an organism.

Cast ○

A hollow imprint of an organism in rock.



- Scientists dig through many **layers of** rock to find fossils.



Same layer ○ Fossils found at the very top layer.

Oldest layer ○ Fossils found in the deepest layer of rock.

Newest layer ○ Fossils in a rock layer that died around the similar time.

Fossils questions:

1. Fossils are dead organisms that lived in the

2. What does it mean when animals are extinct?

3. What is an example of trace fossils?

4. What is an example of preserved remains?

5. Why are fossils useful?

Lesson 2

Changes in the environment can affect an **ecosystem**. **Living thing** and **non-living** things need each other to survive. **Natural hazards**, **humans** and **invasive species** can affect an ecosystem.

Ecosystem ○	Changes made by humans like cutting down or planting trees.
Natural events ○	When a plant or animal is introduced into a new ecosystem.
Invasive species ○	Living and non-living things depend on each other to survive.
Human activities ○	Changes made by natural hazards like wildfire.

Fossils questions:

1. What is an ecosystem made up of?

2. What living thing can you find in an ecosystem?

3. How do invasive species affect an ecosystem?

4. What natural hazards can affect an ecosystem?

5. What human activities can affect an ecosystem?