

Nova's Rock and Fossil Flashcards

Learning objective: To identify and describe the properties of rocks and how fossils are formed.

Read the front of each card. Try to guess the answer before looking at the back. Use the word bank if you get stuck!

What type of rock is formed from cooled lava or magma?

Igneous rock.

Which rock type is formed from tiny pieces of sand and mud being squashed together?

Sedimentary rock.

What type of rock is changed by great heat and pressure under the Earth?

Metamorphic rock.

What do we call the remains of a plant or animal preserved in rock?

A fossil.

What word describes a rock that lets water soak through it?

Permeable.

What is the name of the process where layers of sediment are squashed over time?

Compaction.

Which rock is known for having distinct layers, often seen in cliffs?

Sedimentary rock.

True or False: All rocks are the same hardness.

False. Some are hard like granite, some are soft like chalk.

What natural force can wear rocks down over a long time?

Erosion (or weathering).

What do we call the person who studies rocks and the Earth?

A geologist.

Is marble a type of igneous or metamorphic rock?

Metamorphic rock.

Are fossils usually found in sedimentary or igneous rock?

Sedimentary rock.