



Learn about different types of rock

Read the information on the next page about the different types of rocks. Then describe and draw them in your own words.



Stretch:
Sedimentary rocks are made of small particles. Do you think they would be strong or weak? Explain your idea.

Challenge:
What does the term “rock cycle” mean?

igneous rock

metamorphic rock

sedimentary rock



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Read the descriptions about the different types of rocks

metamorphic rock

Here's something to remember: this rock gets its name from the Greek word 'metamorphosis', which means a transformation or change of shape, because metamorphic rocks have changed form. Did you know that some metamorphic rocks have changed form through heat? When magma collects underground, it heats the surrounding rocks to such high temperatures that the minerals become cooked.

Underground heat and pressure turn limestone into a rock we know as marble. Take a look around. I'm sure you've seen it. Marble can be used to make sculptures, floor tiles, furniture, and buildings. It is a metamorphic rock.

sedimentary rock

This is made when layers of sand and debris settled down together over a long time.

Here's a fun fact: the name sedimentary comes from the Latin word 'sedo', which means 'settle down'.

Over millions of years, layers of sediment pressed down in the bottom of ancient oceans and rivers. The pressure cemented tiny grains together into what we now call a 'rock'.

Limestone is a sedimentary rock! It is made mostly of compressed bones and shells of millions of tiny creatures. Sandstone is another sedimentary rock.

igneous rock

Rocks that were made from the cooling liquid of a volcanic eruption (magma), are called igneous rocks.

Here's a fun fact: the name 'ignis' is the Latin word for 'fire'. Granite is a type of igneous rock.

Granite is speckled and heavy and can be found used as kitchen worktops.

Pumice is another type of igneous rock. They are used to soften hard skin on your feet.