

Three Types of Rocks

Igneous Rocks

Igneous rocks are formed from hot liquid in the center of the Earth known as magma. When the lava breaks through the surface of the Earth, it becomes lava. When it cools it becomes rock.

Examples:



Sedimentary Rocks

Sedimentary rocks are formed from pieces of rock from other rocks are carried away by water, rain or wind and settle in in valleys or riverbeds. They form layers over time and can also contain fossils.






















Examples:

Metamorphic Rocks

The heat and pressure from moving tectonic plates squeeze together and form new rocks from other rocks and become metamorphic rocks.



Types of Rock

Sedimentary	Igneous	Metamorphic
 basalt	 limestone	 slate
 sandstone	 granite	 gneiss
 shale	 marble	 conglomerate
 schist	 serpentine	 quartzite
 sandstone	 granite	 slate
 shale	 marble	 conglomerate
 schist	 serpentine	 quartzite

Rock Report

Draw a picture of your rock

Where was the rock found?

The colors in my rock are:

What does your rock feel like?
What shape is it?

What type of rock
do you think it is? Why?





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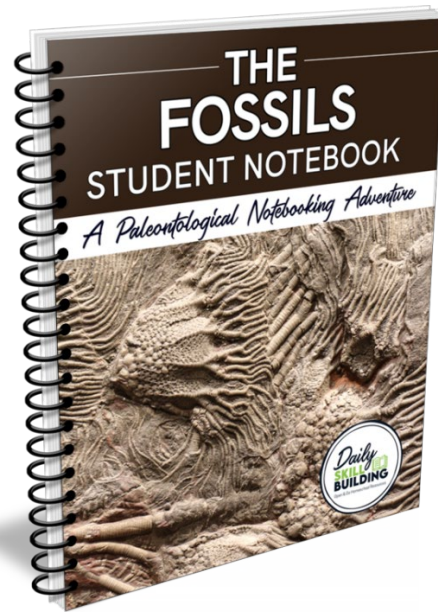
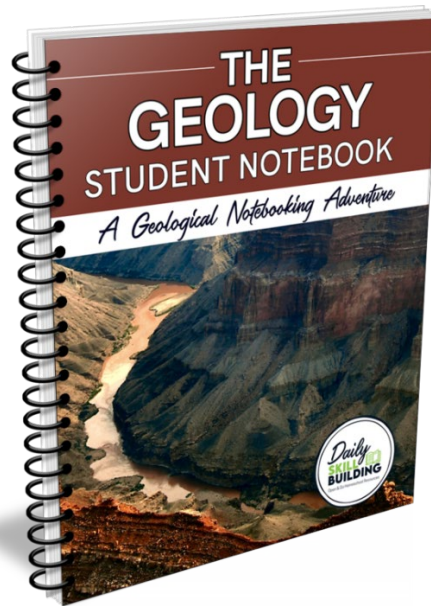
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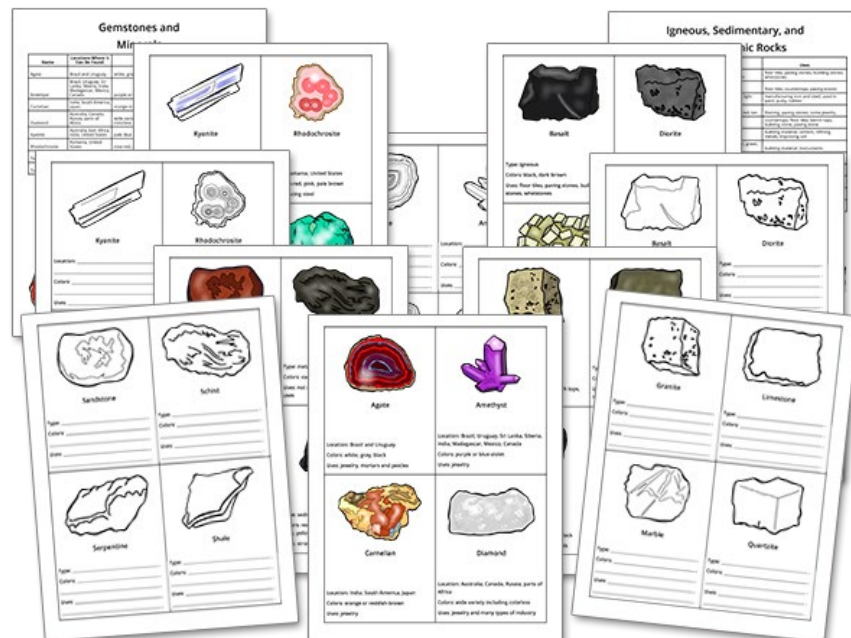
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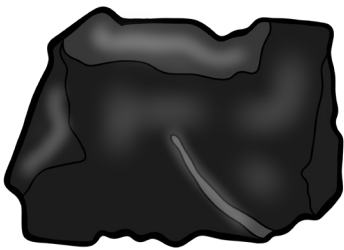
Geology Fact Cards



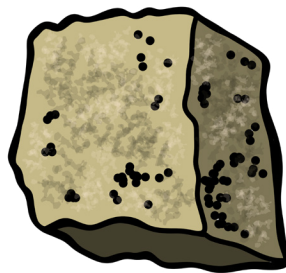
Igneous Rocks

Igneous rocks are formed from hot liquid in the center of the Earth known as magma. When the lava breaks through the surface of the Earth, it becomes lava. When it cools it becomes rock.

Examples:



Basalt



Granite



Obsidian



Granite

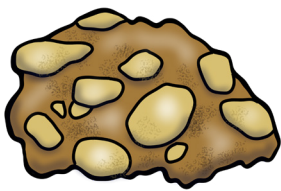


Diorite

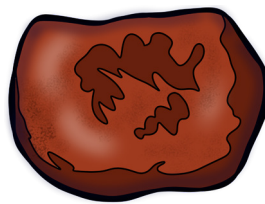
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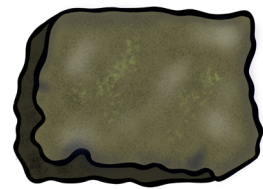
Examples:



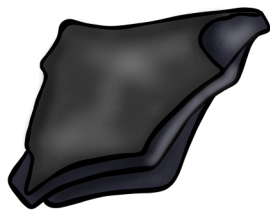
Conglomerate



Sandstone



Limestone



Shale



Dolomite

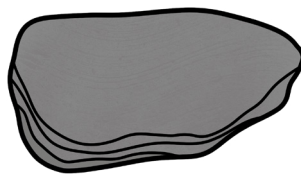
Metamorphic Rocks

The heat and pressure from moving tectonic plates squeeze together and form new rocks from other rocks and become metamorphic rocks.

Examples:



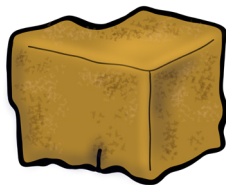
Marble



Slate



Gneiss



Quartzite



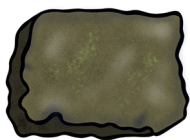
Serpentine

Types of Rock

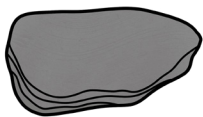
Sedimentary	Igneous	Metamorphic



basalt



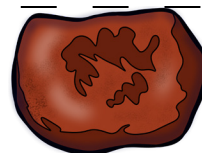
limestone



slate



granite



sandstone



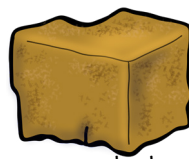
felsite



marble



conglomerate



quartzite



dolomite



schist



serpentine



obsidian



Shale



gneiss

Types of Rock

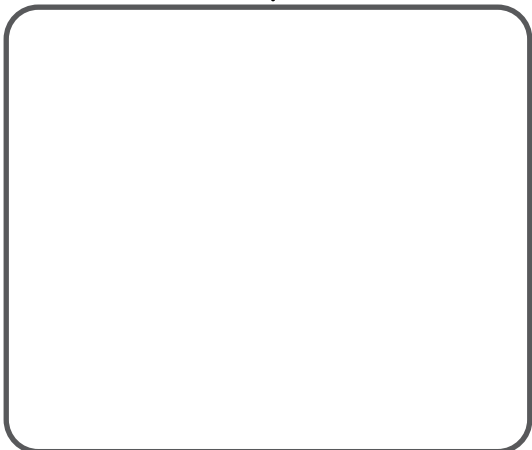
Igneous Rock



Sedimentary Rock

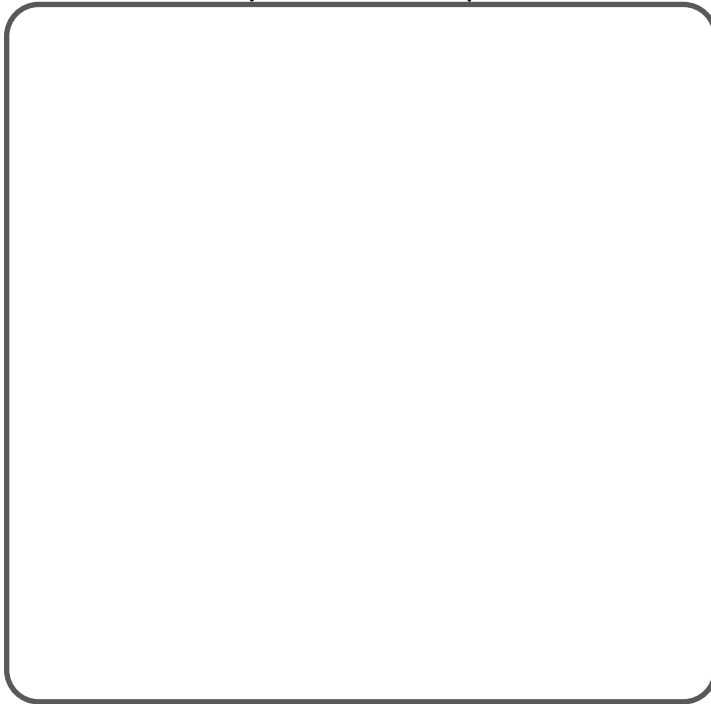


Metamorphic Rock

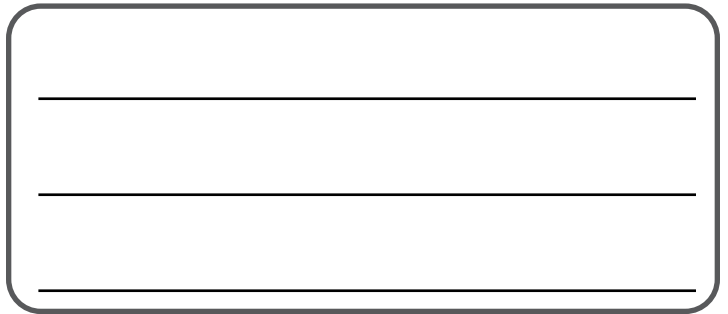


Rock Report

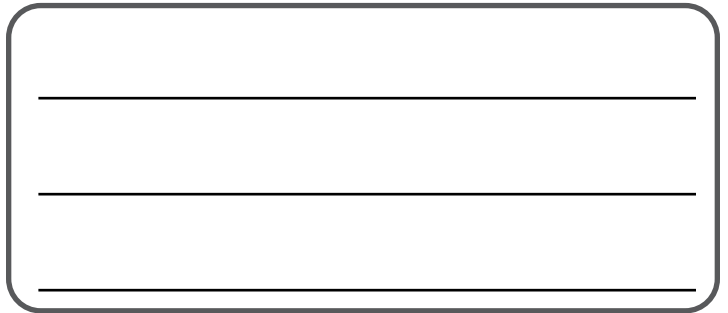
Draw a picture of your rock



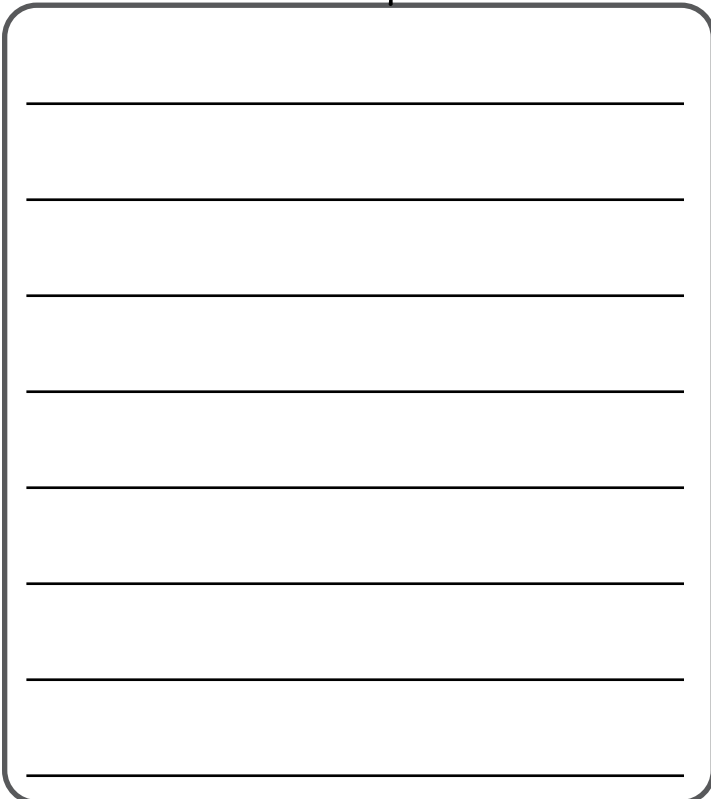
Where was the rock found?



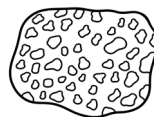
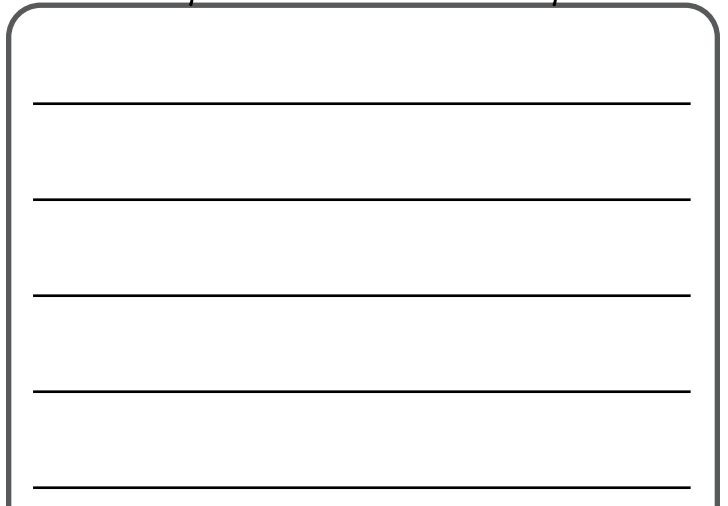
The colors in my rock are:



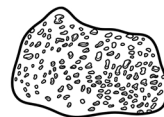
What does your rock feel like?
What shape is it?



What type of rock
do you think it is? Why?



Sedimentary
rock



Igneous
rock



Metamorphic
rock