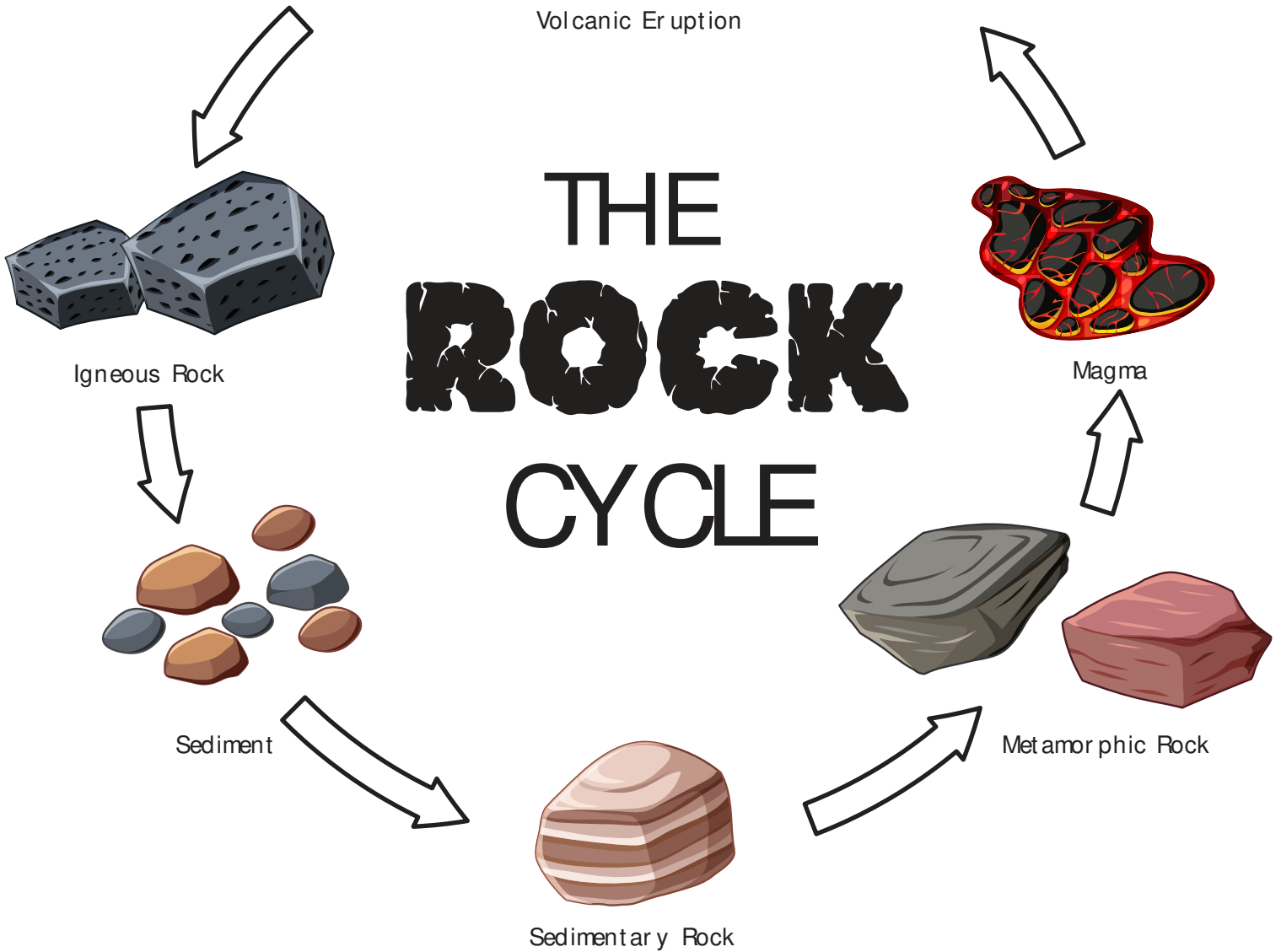
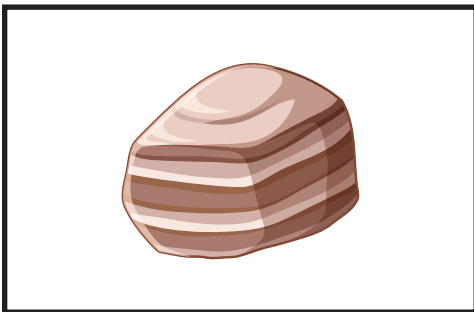
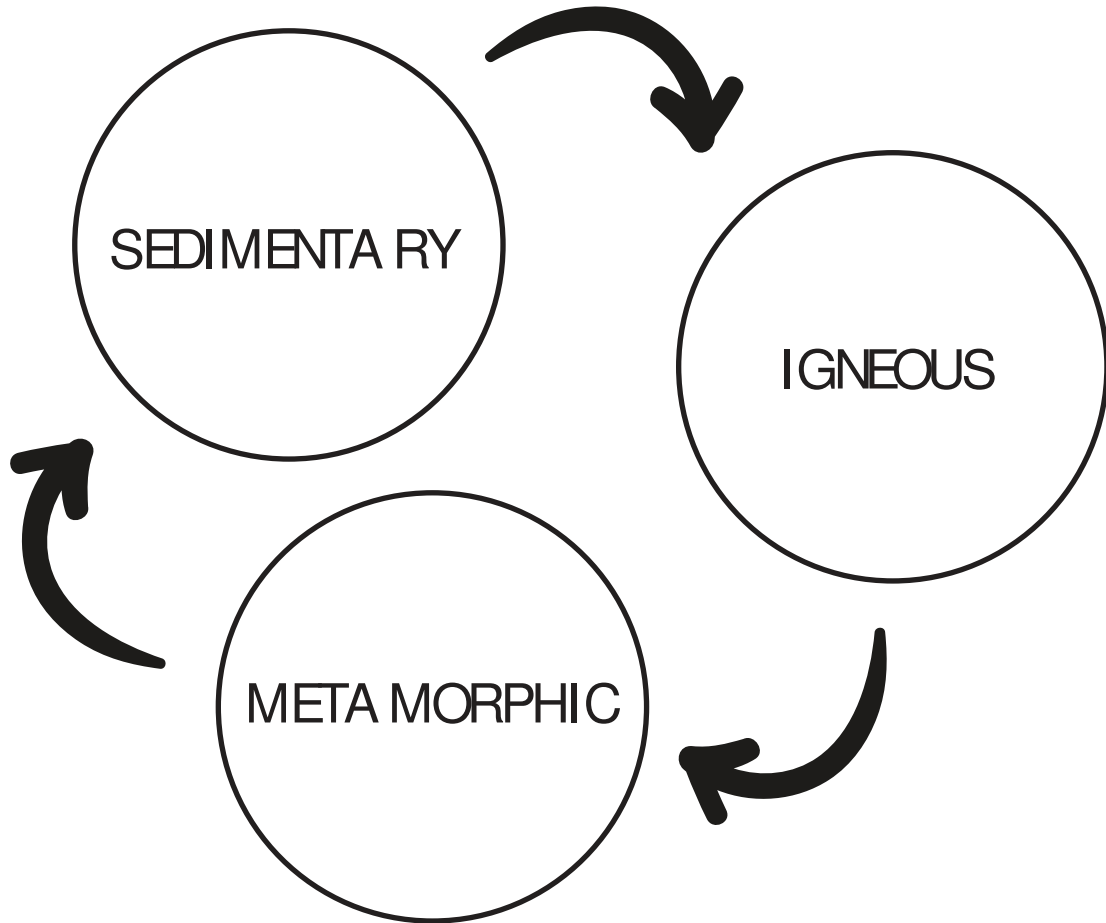


Volcanic Eruption

THE ROCK CYCLE

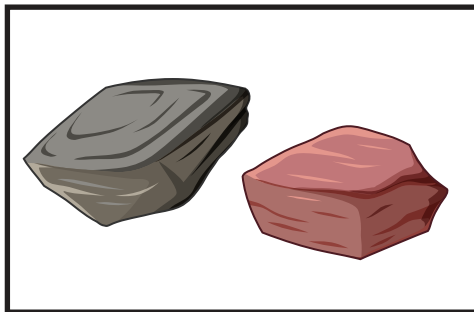


The Rock Cycle



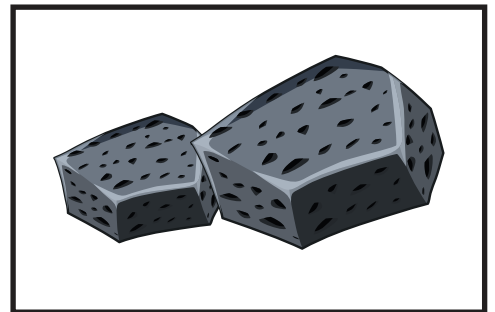
SEDIMENTARY

Sedimentary rock is made when dirt and other material makes layers that harden.



METAMORPHIC

Metamorphic rock is made when rock is heated and put under pressure.






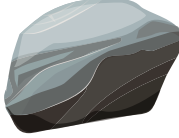




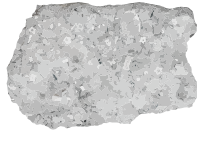

IGNEOUS

Igneous rock is made when rock is melted and then cooled.

Name: _____

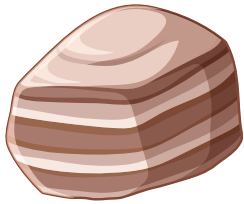
Types of Rock

IGNEOUS	SEDIMENTARY	METAMORPHIC

 <p>GRANITE</p>	 <p>PUMICE</p>	 <p>Obsidian</p>	 <p>MARBLE</p>	 <p>Gneiss</p>
 <p>Scoria</p>	 <p>Conglomerate</p>	 <p>Quartzite</p>	 <p>Limestone</p>	 <p>Sandstone</p>

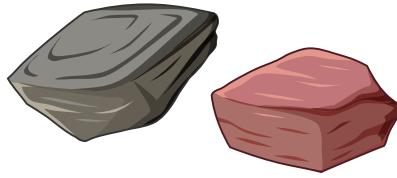
Name: _____

Types of Rock



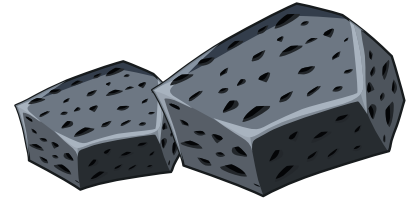
Sedimentary

Sedimentary rocks are formed when sediment is deposited out of air, ice, wind, gravity, or water flows carrying the particles in suspension. This sediment is often formed when weathering and erosion break down a rock into loose material in a source area.



METAMORPHIC

Metamorphic rocks form when rocks are subjected to high heat, high pressure, hot mineral-rich fluids or, more commonly, some combination of these factors. Conditions like these are found deep within the Earth or where tectonic plates meet.



IGNEOUS

Igneous rock, or magmatic rock, is one of the three main rock types, the others being sedimentary and metamorphic. Igneous rock is formed through the cooling and solidification of magma or lava.

- _____ 1. What type of rock might contain evidence of past life?
- _____ 2. What type of rock contains large crystals?
- _____ 3. What type of rock might contain holes from gases?
- _____ 4. What type of rock has visible flat layers?
- _____ 5. What type of rock changes by intense heat/pressure?
- _____ 6. What type of rock contains rounded grains?
- _____ 7. What type of rock comes from liquid rock materials?
- _____ 8. What type of rock has wavy layers?

Name: _____

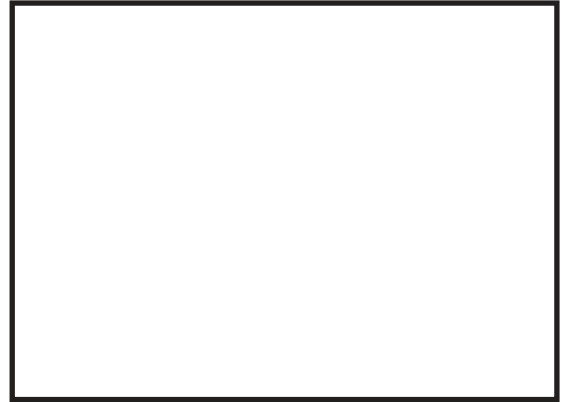
Rock Definitions

Sedimentary

Definitions:



PICTURE



Metamorphic

Definitions:



PICTURE

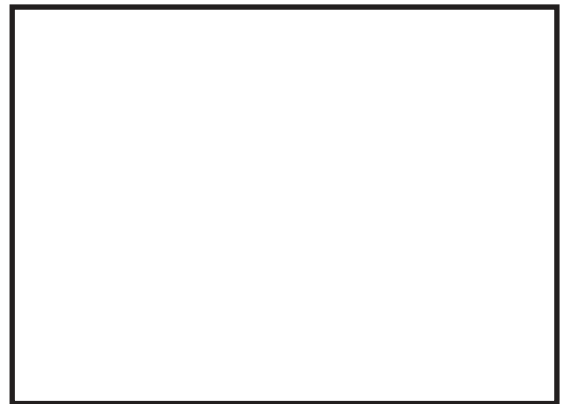


Igneous

Definitions:



PICTURE



Name: _____

My Rock Report

Directions: Find a rock that you find interesting. Study the impact of rocks and its features. Record the informations below.

Draw a picture of your Rock

Write about your rock.

Size	
Shape	
Color	
Texture	
Sink/ Float	
Weight	

Name: _____

Matching Type

Directions: Identify the 3 main type of rocks whether it is sedimentary, metamorphic and Igneous. Draw a link to connect the attribute to the correct type of rocks.

These rocks have small, shiny, or sparkly crystals.



These rocks have fossils or imprints of leaves, shells or insects.



Some of these rocks may have holes like swiss cheese.



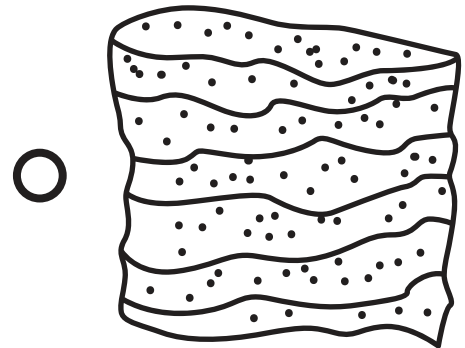
Some of these rocks are not rough but smooth and shiny like glass.



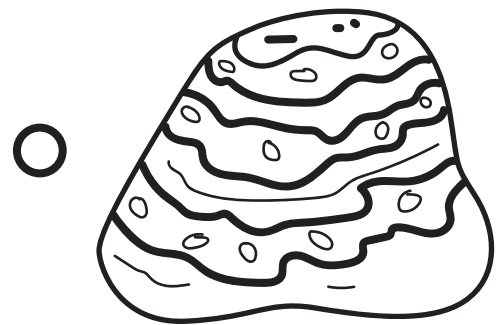
These rocks have ribbon like layers.



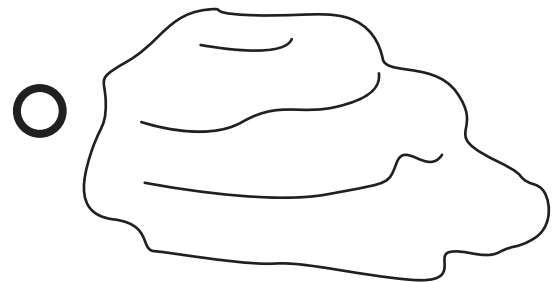
In these rocks you may see individual stones pebbles or sand grains.



IGNEOUS



Sedimentary



METAMORPHIC