



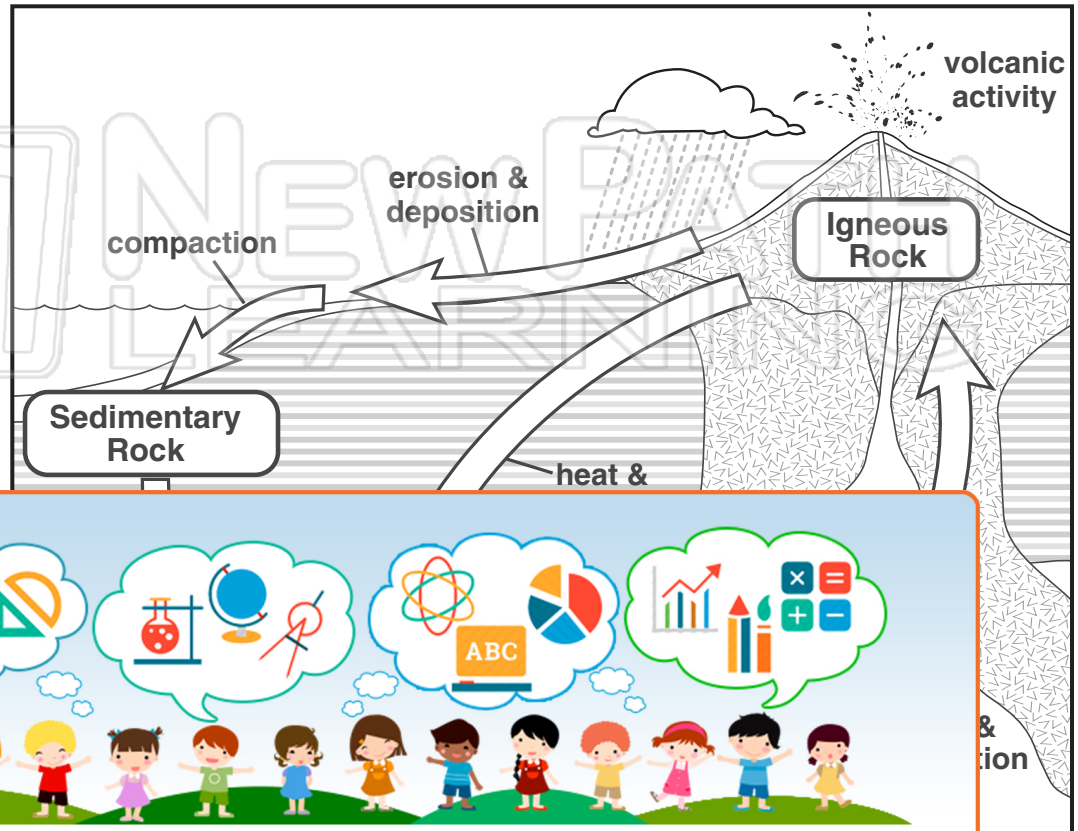
The Rock Cycle

Sci
D

Name _____ Class _____ Date _____

Rocks are made up of many tiny pieces of minerals. **Minerals** are natural, nonliving crystals that make up rocks.

The **rock cycle** is the **recycling** of old rocks into new rocks. It is caused by heat, pressure, chemical reactions, weathering and erosion. It can take millions of years for rocks to move through this cycle.



Erosion is the process of rock and soil being broken down by wind and water. Erosion can even move rocks as **sediment**.



PREVIEW

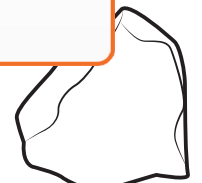
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Igneous rocks are found beneath the Earth's surface where magma reaches Earth's surface during a volcanic eruption as **lava**. Once on the Earth's surface, lava cools quickly forming igneous rocks. Magma may also cool and crystalize underground.

The weight of rocks pressing down on other rocks causes **heat and pressure** below the Earth's surface forming **metamorphic rocks**. Metamorphic rocks can form from sedimentary, igneous, and other metamorphic rocks.



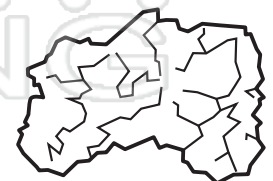
pumice



obsidian



gneiss



quartz

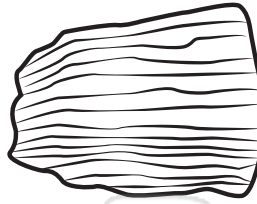


The Rock Cycle

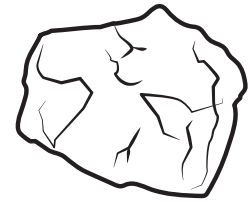
Sci
D

Name _____ Class _____ Date _____

What are rocks? _____



sandstone



limestone

Sedimentary rocks are _____



halite

Draw & label a rock

Met



PREVIEW

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Igneous rocks are _____



pumice



obsidian



granite

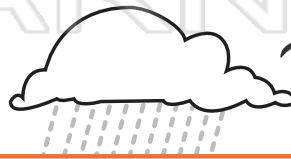
Draw & label a rock



Name _____ Class _____ Date _____

What is the Rock Cycle? _____

Complete the Rock Cycle



PREVIEW

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Metamorphic Rock

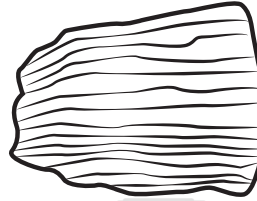


magma

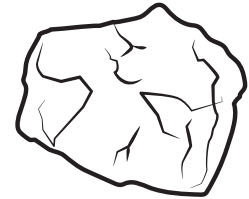


Answer Key

What are rocks? Made from
minerals above and under ground.



sandstone



limestone

Sedimentary rocks are _____
formed by layers of eroded
materials compressed together.



halite

Draw & label a rock

Meta
nev
pre
the



PREVIEW

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Igneous rocks are _____

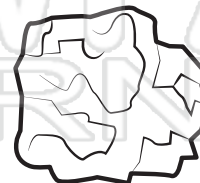
rocks made from lava from
volcanoes. They are different
based on temperature and where
they were formed.



pumice



obsidian



granite

Draw & label a rock

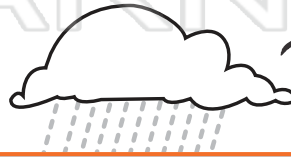


Answer Key

What is the Rock Cycle? _____

The rock cycle is the recycling of old rocks into new rocks. It's caused by heat, pressure, weathering and erosion.

Complete the Rock Cycle



PREVIEW

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Metamorphic
Rock

melting

magma