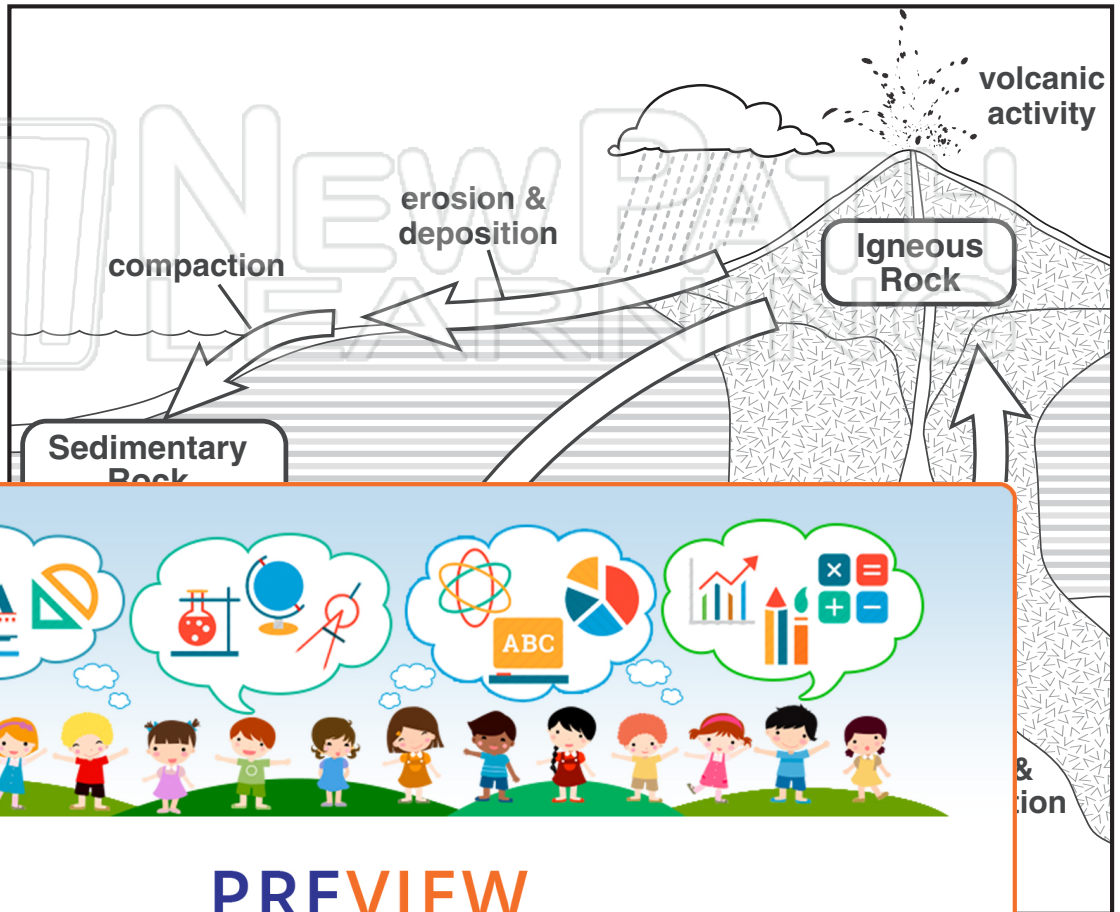




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Rocks** are solid materials found in nature made up of minerals. A **mineral** is a natural material usually found in the ground. Rocks can be classified into **three main groups** according to how they were formed.

**Sedimentary rocks** are formed when **sediment** piled up at the bottom of a body of water is



pressed over of years. Sedimentary rocks are found in layers.

**Metamorphic rocks** are formed when rocks are changed by heat and pressure.

**Igneous rocks** are formed below the Earth's surface.



## PREVIEW

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As the magma underground **cools**, igneous rocks are formed. igneous rocks are also formed above ground when **lava** erupts from a **volcano** and then cools forming igneous rocks above the Earth's surface.

Sedimentary Rocks		Metamorphic Rocks		Igneous Rocks	
sandstone	limestone	gneiss	quartz	pumice	obsidian



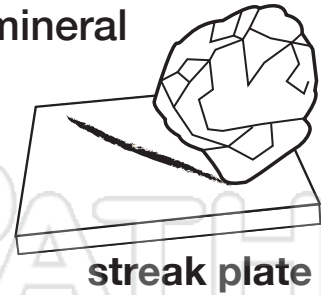
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Minerals** have different **properties** that can be used to identify them:

**Luster** - shows how much light is reflected by a mineral

**Streak color** - color it leaves behind if rubbed against another surface

**Hardness** - The hardest mineral of all is a diamond.



streak plate

Almost everything we use in everyday life is made of minerals or contains minerals. Even our bodies need minerals such as iron, calcium and sodium to stay healthy.



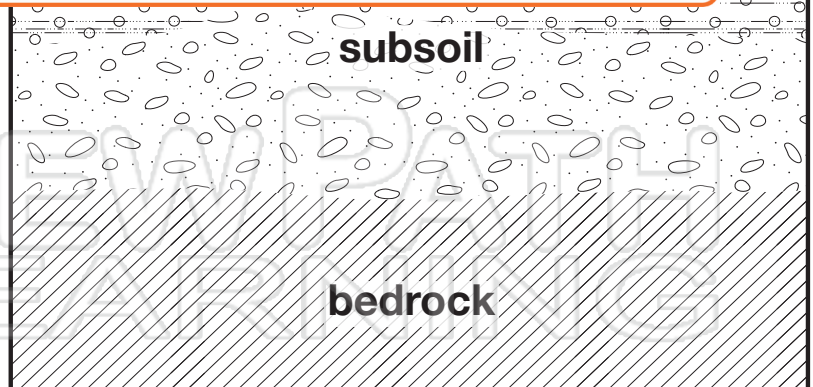
PREVIEW

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**Soil** most that surfa

**main layers: topsoil, subsoil, and bedrock.**

Soil is part of the ecosystem needed to support all life on Earth.





# Rock, Minerals & Soil

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Sedimentary rocks are \_\_\_\_\_

\_\_\_\_\_

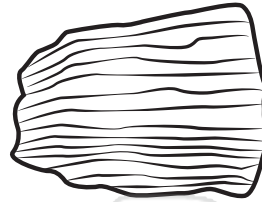
\_\_\_\_\_

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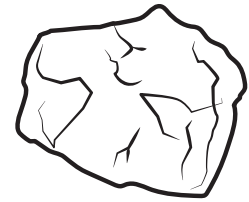
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



sandstone



limestone



halite

Draw & label a rock

Meta

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PREVIEW**

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Igne

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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

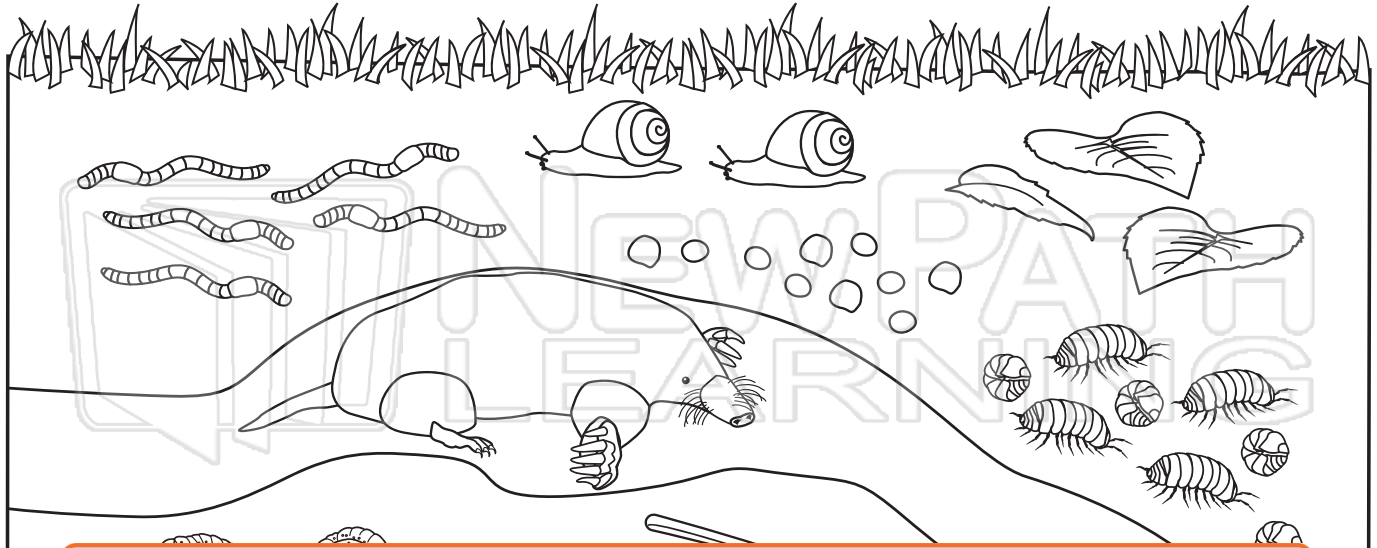
magma





Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Soil is part of the ecosystem needed to support all life on Earth.



**PREVIEW**

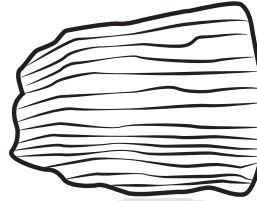
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leaves									
snails									
grubs									
pebbles									
worms									
moles									

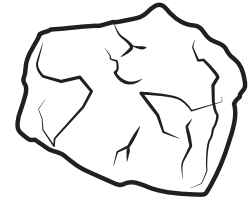


## Answer Key

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

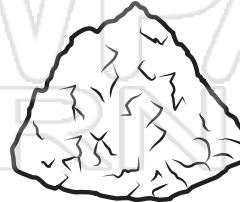


sandstone



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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the printable version of this worksheet

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