

Summary

Rocks **CHANGE** continuously from one form to another with no **BEGINNING** and no **END**.

Rocks can change by many **PROCESSES**.

Rocks can be igneous, **SEDIMENTARY** or **METAMORPHIC**.

processes
change
end

sedimentary
metamorphic
beginning

EARTH SCIENCE ROCKS!

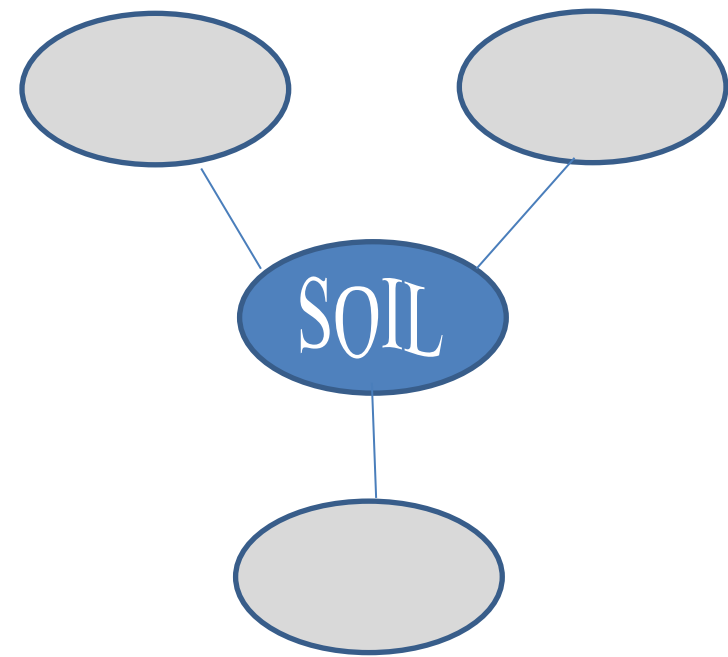
Name _____

Sedimentary Rocks

Sedimentary rock forms when **SEDIMENTS** are **PRESSED** _____ and **CEMENTED** together, or when minerals form from solutions.

cemented pressed
sediments

Properties of Soil



color texture
ability to retain water

Igneous Rocks

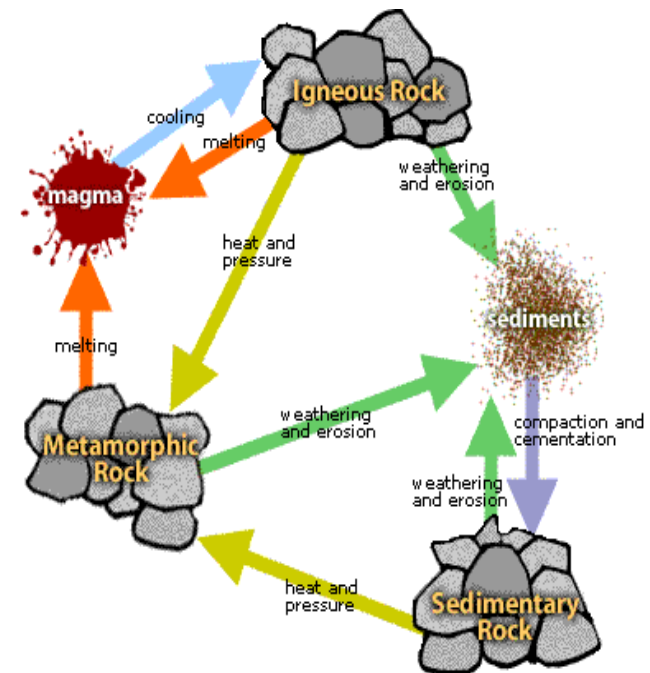
Igneous rock forms when **LAVA** or magma cools and **HARDENS**.

Extrusive rock forms at or **ABOVE** Earth's surface.

Intrusive rock forms **BENEATH** Earth's surface.

above	beneath
hardens	lava

The Rock Cycle



Weathering and Erosion

WEATHERING is the process of earth's surface being broken down into smaller parts (through wind, water, ice, and plant roots).

EROSION is the movement and carrying away of weathered material.

erosion weathering

Metamorphic Rocks

Metamorphic rock forms when **HEAT, PRESSURE**, or hot fluids change the **COMPOSITION** of rocks.

**heat composition
pressure**