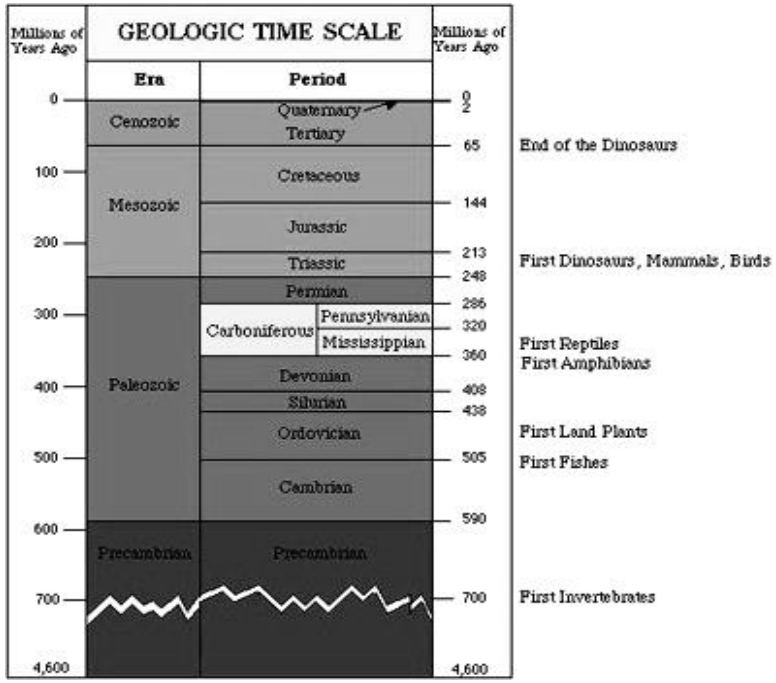
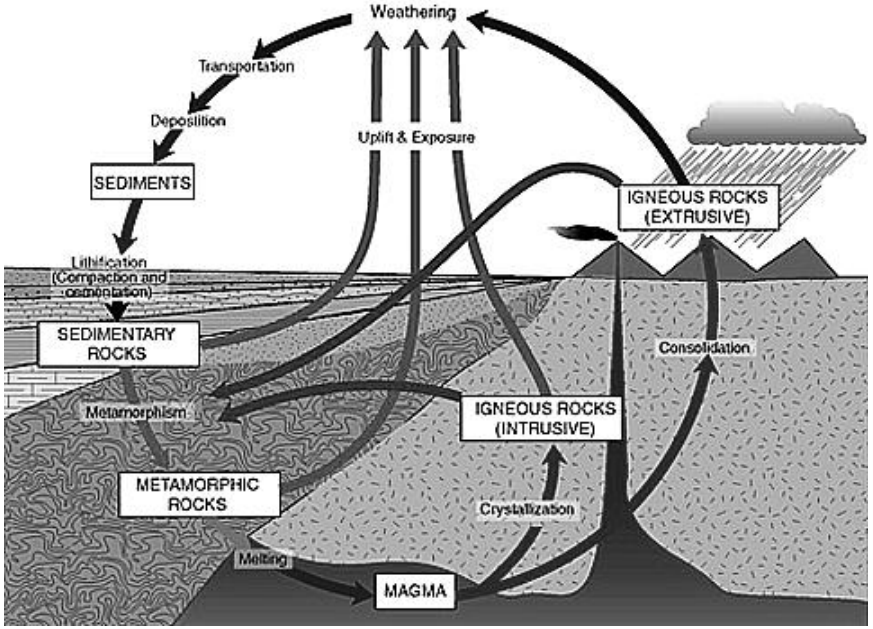
GEOLOGIC TIME SCALE



THE ROCK CYCLE

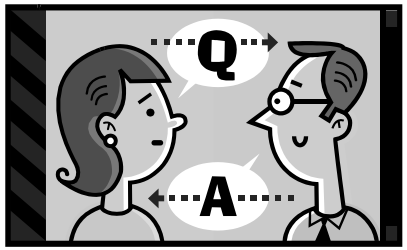


Silver Falls State Park

Rocky Report

This Journal Belongs To: _____

Made On: _____



Let Me Tell You About My Rock...

Color:

Shape & Size:

Feel/Texture:

Edges:

Crystals:

Patterns:

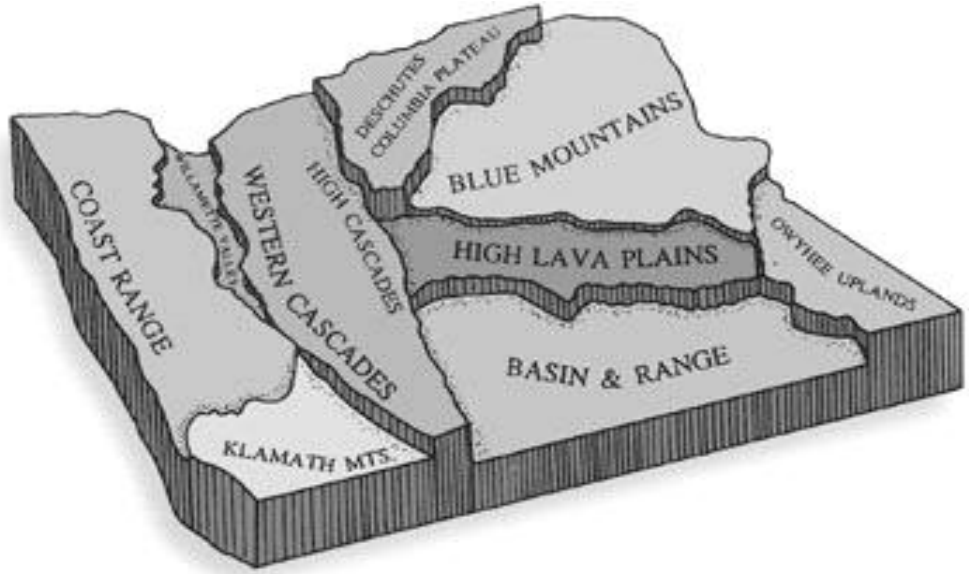
Smells Like:

Sounds Like:

Here is a Map of Oregon's Geology

(I've Colored It In!)

Graphic by Elizabeth L. Orr, *Geology of Oregon*



- Coast Range
- Klamath Mountains
- Deschutes-Columbia
- Willamette Valley
- Blue Mountains
- Owyhee Uplands
- High Lava Plains
- Basin & Range
- Cascade Mountains

Geologic Glossary

Here are some words we might want to know when we talk about rocks:

crust The outermost part of the Earth; lying over the mantle.

erosion The removal of weathered rocks, minerals, and sediments from their original area.

fossil Remains of prehistoric plants or animals preserved in rocks.

geology The science of studying the earth.

igneous rock Any rock made by cooling magma or lava, or by other volcanic materials sticking together.

lava Magma that comes to the Earth's surface.

magma Molten rock material made within the Earth.

mantle The thick layer between the Earth's crust and core; where magma is.

metamorphic rock Any rock that has been changed by heat, pressure, or chemicals to change the rock.

mineral A naturally occurring type of rock whose crystal formations, chemical make-up, and physical properties are extremely consistent. Minerals can make up other types of rocks.

sedimentary rock Any rock made from pieces of other rocks cemented together.

volcano A cone-shaped mountain made around a hole that was created by erupting magma.

This is What My Rock Looks Like

I Think My Rock Is...

Sedimentary

Igneous

Metamorphic

Mineral

Once upon a time...

Here is a Story about
My Rock's Life