

## Earth Science Power Point Notes (part 7)

Rock – a naturally occurring solid composed of minerals and sometimes other materials such as organic matter.  
The Rock Cycle- the series of processes that transport and continually change rocks into different forms.

Uplift- the process that moves large bodies of Earth materials to higher elevations.

### 3 major rock types

#### Igneous

- Formed when magma (molten material) cools and hardens

#### Sedimentary

- Form when water, wind, and ice break down rocks into smaller pieces called sediment
- Sediment is compressed and cemented together by natural substances to form rocks.
- Sedimentary rocks are a result of weathering, erosion, deposition, compaction, and cementation.

#### Metamorphic

- Form when extreme temperatures and pressure within the Earth change existing rocks into new rocks
- The rocks do not melt
- The composition or structures change