

ROCK CYCLE STAGES

Geological Classification & Transformation Chart

1. IGNEOUS

Formed through the cooling and solidification of magma or lava.

2. SEDIMENTARY

Formed by the accumulation of mineral or organic particles and cementation.

3. METAMORPHIC

Formed from existing rocks subjected to intense heat and pressure.

Key Processes

Weathering & Erosion: Breaking down and transporting rock fragments.

Deposition & Lithification: Sediment settles and hardens into rock layers.

Melting: Rocks turn into magma beneath the Earth's surface.

Heat & Pressure: Physical/chemical changes without melting.

Observations / Field Notes