

# ROCK CYCLE: MAGMA & LAVA

Igneous Rock Formation & Transformation

## 1. Magma

Molten rock located **beneath** the Earth's surface. High pressure and extreme heat.

## 2. Lava

Molten rock that has **reached** the surface via volcanic eruption.

*Process: Cooling and Crystallization*

### Intrusive Igneous

Formed from magma cooling slowly underground. Large crystal structures (e.g., Granite).

### Extrusive Igneous

Formed from lava cooling quickly on the surface. Small or no crystals (e.g., Basalt, Obsidian).

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*Process: Weathering, Erosion, & Melting*

**Observations & Notes:**