THE ROCK CYCLE

IGNEOUS ROCK

Formed when magma or lava cools and solidifies.

Cooling & Solidification

Erosion & Weathering

METAMORPHIC ROCK

Formed when existing rock is changed by heat, pressure, and chemically active fluids.

Heat, Pressure & Chemically Active Fluids

SEDIMENTARY ROCK

Formed when sediments are deposited, compacted, and cemented together.

Heat, Pressure & Chemically Active Fluids

MAGMA

Molten rock beneath the Earth's surface.

Melting

Burial, Compaction & Cementation