

ROCK CYCLE REFERENCE CHART

Geology Unit | Earth Science Department

Igneous Rock

Formed through the cooling and solidification of magma or lava.

WEATHERING & EROSION →

Sedimentary Rock

Formed by the accumulation of mineral or organic particles at Earth's surface.

↑ MELTING

HEAT & PRESSURE →

Metamorphic Rock

Arise from the transformation of existing rock types through heat and pressure.

Key Processes

Lithification: Compaction and cementation of sediments into rock.

Metamorphism: Recrystallization of minerals without melting.

Magma vs. Lava

Magma: Molten rock stored beneath the Earth's crust.

Lava: Molten rock that has reached the Earth's surface.