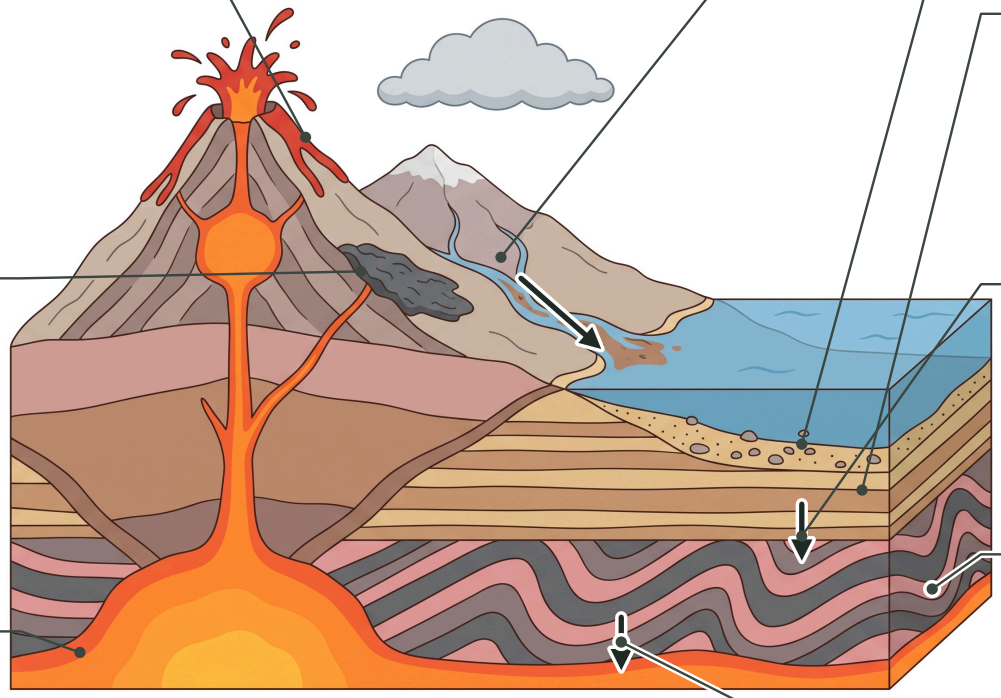
THE ROCK CYCLE

EARTH SCIENCE *What each part does*

The rock cycle is the slow, never-ending process by which rock changes from one type to another.



Molten rock loses heat, forms crystals and becomes solid.

Cooling and crystallization

Wind, water and ice break up rock and carry the pieces away.

Weathering and erosion

Deposition

Small pieces of rock settle and pile up in layers.

Sedimentary rock

Rock made of layers of sediment, pressed and cemented together.

Igneous rock

Rock that forms when molten rock cools and hardens.

Heat and pressure

Deep underground, they squeeze and bake rock until it changes.

Magma

Molten rock beneath the Earth's surface.

Metamorphic rock

Rock that has been changed into a new form without melting.

Melting

Rock gets so hot that it turns into a liquid.