

The emission of magma onto the earth's surface where it forms a volcano or lava flow

The breakdown of the rocks by the elements of the rock in situ (without transport)

The removal of weathered material by the physical action of transported material (agent of erosion, wind, water, ice)

The means by which weathered and eroded material is moved from one place to another by water, wind or ice

The laying down of sediment when a transporting agent loses energy

When sediment is found deeper due to being covered by younger layers of sediment accumulating on top

All the processes that make rocks operating at low temperatures and pressure not far beneath the surface of the earth

The solid state process that changes minerals into new crystalline metamorphic minerals

The changing of rocks in the earth's crust by heat and/or pressure

The incomplete melting of rock in the lower crust or mantle

Magma collecting in a magma chamber

The cooling of magma or lava to allow solid minerals to form

Igneous rocks that form beneath the surface of the earth

The return of buried rocks to the earth's surface by tectonic forces

The processes of cementation and compaction that produce sedimentary rocks at low temperatures and pressures

