

Parts of presentation:

1. What is rock

2. Classes of rocks

3. The Rock cycle

Rock is a combination of minerals that make up the Earth's crust.

Mineral is a natural, solid, inorganic material made up of elements.

2. Classes of rocks

1 igneous rocks

2 sedimentary rocks

3 metamorphic rock







2.1 Igneous rocks

• formed from hot melted magma





intrusive rocks - granite

• extrusive rocks - basalt



2.2 Sedimentary rocks

• particles of other rocks - sandstone





remains of organisms – limestone

• dissolved minerals – rock salt



2.3 Metamorphic rocks

• changed from one kind of rock to another kind

• from igneous rocks – gneiss

White Marble





from sedimentary rocks – marble

All kind of rocks – igneous, sedimentary and metamorphic, are part of a huge recycling process – ROCK CYCLE.

Any class of rock can be changed into any other class of rock.

Sediments -

Compression

Weathering, Erosion, Deposition

Sedimentary Rock (Limestone)

Heat & Pressure (Metamorphism)

Weathering, Flosion, Deposition **Heat & Pressure** (Metamorphism)

Weathering Erositiou Igneous Rock (Granite)

Cooling

Melting

Melting

Metamorphic Rock (Gneiss)

Magma/Lava

Melting

Thank you for your attention.