

Metamorphic Rock Formations

Metamorphic Rocks are formed when they are buried deep into the ground.

The high pressure causes extreme temperature from 150° to 750°C .

When they are so deep, there can be magma nearby which is pushing upwards and from the sides.

The weight above is also putting on pressure from the top.

It is crushed on all sides, causing the rock to change shape, becoming Metamorphic.



Metamorphic Rocks ~~also~~ can start off as Sedimentary.

An example is ~~the~~ Shale, a ~~sedimentary~~ ~~rock~~ the parent rock.

Shale then becomes Slate, which turns into phyllite, then Schist, then Gneiss.

They can also start off as Igneous Rocks.

Sandstone can become Quartzite, Limestone can become marble, Basalt can become Greenstone.