

Kinds of Rocks

Name: _____

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There are three basic kinds of rocks: igneous, sedimentary, and metamorphic rocks.

Igneous Rocks: Igneous rocks are formed when lava or magma cools down and becomes a solid.

Sedimentary Rocks: Sedimentary rocks are formed when existing rock is eroded and deposited in sediments. The sediments accumulate until they are formed into new rock under pressure, heat, and chemical bonding.

Metamorphic Rocks: Metamorphic rocks are formed when existing rocks are put under heat, pressure, or both. The heat and pressure causes the minerals to change their structure so that new rocks are formed.

igneous
basalt
gabbro
obsidian
pumice
rhyolite

metamorphic
anthracite
gneiss
marble
schist
slate
soapstone
quartzite

sedimentary
chert
conglomerate
gypsum
limestone
sandstone
shale

