

Metamorphic Rocks

rocks that are transformed (changed) by *heat and pressure* deep under earth's crust



slate
made from shale



marble
made from limestone



quartzite
made from sandstone



gneiss
made from granite

Sedimentary Rocks

often found in layers near a water source that are *pressed and cemented together*, and sometimes found with *fossils* in them



shale
has clay-sized sandy pieces



limestone
has shell fossils



conglomerate
has small pieces of rocks and sand



sandstone
has sand-sized pieces, feels grainy

Igneous Rocks

molten lava or magma *cooled and hardened*



basalt
cools quickly



obsidian
cools rapidly



pumice
has gas bubbles from volcanic explosion



granite
has large crystals