## Rock Identification Guide

All three major rock types can be made into the other type. Rocks are eroded by wind, water, ice and human inrevention to build and form sediments. Buried sediments are hardened into sedimentary rocks. If rocks are deeply buried they can reach a level where they can be heated and pressurized into metamorphic rocks. If rocks get hot enough to melt, they then become magama. When this magma cools, it forms gneous rocks.



Sedimentary Rocks | Made when pieces of rock settle in water or when minerals are deposited by plants, animals and other chemical processes

Igneous Intrusive Rocks | Made from cooled molten rock while still underground.

Igneous Extrusive Rocks | Made from molten rock that flows on the surface or is thrown into the air by pressure and is then cooled into rock.

Metamorphic Rocks | old rocks that have been heated and pressurized, but not melted. The new rock that comes from this process, depends on what the original rock was and the amount of heat and pressure applied to it during this transformation