

rock cycle + erosion cycle

■ Rocks and Rock Types

IGNEOUS

- ↳ Formed when magma/lava cools
- ↳ two types
 - intrusive - large crystals from cooling slowly in the earth's crust (ex: granite)
 - extrusive - small crystals from cooling quickly on earth's surface (ex: basalt)

SEDIMENTARY

- ↳ Formed when eroded igneous, metamorphic and sedimentary rocks
- ↳ weight of sediment and sea compress layers of sediment into rock (ex: shale, sandstone)
- ↳ can be eroded away back into sediments
- ↳ coal, oil, and natural gas may be found in between these layers

METAMORPHIC

- ↳ igneous or sedimentary rock morphs into new rock types
- ↳ heat, pressure and certain fluids change existing rocks
- ↳ ex: limestone → marble ; granite → gneiss

