**START HERE COMICAL ROCKS STEP BY STEP LINEAR DIAGRAM**

**IGNEOUS ROCK ----🡪 SEDIMENTS------🡪 COMPACTION / CEMENTATION-------🡪 SEDIMENTARY ROCK-------🡪 HEAT/PRESSURE -------🡪 METAMORPHIC ROCK ---🡪 HEAT ----🡪 IGNEOUS ROCK**

 e.g. -Sandstone, limestone, shale

 Weathering & Erosion e.g. – marble, gneiss, quartzite

 e.g. – waves, glacier, wind

 gravity, ice, river, snow Re-melted 2200 F!

 chemicals or plants (e.g.-pushed back into

 magma)

 Pressure builds as the sediments

 Build up on top of each other

 (**Fossils** would form here) Back to where

Start out as lava/magma that cools (volcano) you started!

(e.g. – pumice, basalt, obsidian, granite)

 Plate boundaries – convergent plates

 e.g. – Mountain building -regional metamorphism or

 contact metamorphism