**Activity 5: Rock Identification Flow Chart**

**Granite**

**START: Look at your rock**

Is it granular? (like sand on a beach)

Are the grains mostly the same size OR a mix of many different sizes?

Does it have holes?

Does it float?

Can it scratch quartz?   
Is its hardness 8 or higher?

Is it multi-colored   
OR mostly one color?

Are the crystals small OR large?

**Limestone**

**Gneiss**

**Slate**

**Obsidian**

**Sandstone**

**Pumice**

**Breccia**

**Basalt**

**Conglomerate**

**Schist**

Does it fizz with acid?

Is it shiny?

Is it multi-colored   
OR mostly one color?

yes

**no**

**no**

**no**

**no**

yes

yes

same

different

large

**no**

mostly one color

yes

yes

yes

multi-colored

small

**no**

mostly one color

multi-colored