

Rocks Intro Lab

Question: What do scientists use to classify rocks?

Hypothesis:

Test:

- 1) Observe your rock sample carefully
- 2) Fill in the chart for the different characteristics of rocks in order to identify the rock
(USE your HW outline to discover what vocabulary you use**)**
- 3) When finished, come get a key to determine what rock you have!

Results:

Sample #	Color(s)	Mineral Composition	Texture		
			Grain Size	Grain Shape	Grain Pattern
		<input type="checkbox"/> Quartz <input type="checkbox"/> Feldspar <input type="checkbox"/> Mica <input type="checkbox"/> Hornblende <input type="checkbox"/> Copper <input type="checkbox"/> Calcite <input type="checkbox"/> Magnetite			
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KEY:

Sample #	Color(s)	Mineral Composition	Texture		
			Grain Size	Grain Shape	Grain Pattern
Granite	Pink Black White Gray Brown	Quartz Feldspar Mica Hornblende	Coarse (large)	Jagged	Non-banded
Sandstone	Brown Yellow Gray Orange	Quartz Feldspar	Fine (Small)	Not Visible	Banded
Diorite	White Black Gray	Hornblende Feldspar	Coarse (large)	Jagged	Non-banded
Gneiss	White Black Gray	Quartz Feldspar Mica Hornblende	Coarse (large)	Not visible	Banded (a.k.a. foliated)
Copper Conglomerate	Gray Black Red White	Magnetite Copper Calcite Quartz	Coarse (large)	Jagged	Non-banded
Quartzite	White Gray	Quartz	Fine (small)	Not Visible	Non-Banded