

Date

Earth Science 11

Name:

Rock Out Activity

Here are some clues about how to classify rocks into each family:

Sedimentary Rocks	Igneous Rocks	Metamorphic Rocks
Made up of rock fragments of older rocks	Some may contain crystals which can be visible	May look like igneous but show band of colour
Some fragments are large, some smaller	May appear glassy from cooling fast	May show signs of bending or folding
Often appear dull or earthy	May have different colours NOT organized into band	Crystals may appear flattened.
Some may have fossils		
Often show distinct parallel layers		

Task:

1. If you're feeling a bit rusty on your ability to ID rocks, revisit the "Virtual Rock Lab" on my website from the Week of April 21.
2. Go outside and see if you can find **at least one** example of each type of rock. Beware – watch out for minerals!
3. Take a picture of each rock, and try & identify each one. Use the rock guides on my website to determine the actual name. Is it Quartz? Granite? Feldspare? Something else?
4. For each rock, post the following information on the Unit 2 page of your eP under the Title "Rock Out":
 - Picture of the rock you've found
 - The family type (Sedimentary, igneous or metamorphic)
 - The name of the rock
 - A description of the distinguishing characteristics. How did you know it was **that** type of rock?