

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:

- ❖ Grab a partner and select rocks #'s 2, 5, 8, 10, 11, 12, 13, 14, 19, 20, 22, 24 from your box. Immediately put away the key, and the rest of the box – no cheating!
- ❖ Sort the rocks into rock families: Sedimentary, Igneous, and Metamorphic. Beware – watch out for minerals in your piles! Please those guys in a separate pile.
- ❖ Use your Rock ID sheet to identify your rocks. List the names of the rocks below. Please also include the number on your sample.

Sedimentary Rocks	Igneous Rocks	Metamorphic Rocks

- ❖ Please hand in this sheet with all of your responses.
- ❖ When you are finished, please return the rocks to your box.