



Exercise: 1

Instructions: Rocks are consolidated materials made up of grains of one or more minerals. Rocks are grouped into different categories depending on how they are formed. By doing this activity, you will become much more familiar with rocks. Use your knowledge and the digital atlas to answer the following:

1. What are the three basic categories of rocks?
2. How is each one formed?
3. What can the color of a rock tell you about its composition?

Sedimentary Rock:

4. If shale is a sedimentary rock, how is it made? What material is shale made from?
5. What is the difference between rounding and sorting?

Igneous Rock:

6. What is plutonic rock?
7. What are some characteristics of granite?

Metamorphic Rock:

8. How does heat help the formation of metamorphic rock?
9. Compare and contrast the two different types of metamorphism.