**Student Handout 1**

**Digging Into Energy from Arkansas Rocks**

**A Unit for Discovery**

**LESSON 1: Categories of Rocks**

1. Using a textbook, classroom resources, an iPad, or a computer for an internet search, find information to complete the following chart about the three categories of rocks:

|  |  |  |  |
| --- | --- | --- | --- |
| **Categories of Rocks** | **IGNEOUS** | **METAMORPHIC** | **SEDIMENTARY** |
| **What are they made of?** |  |  |  |
| **How are they made?** |  |  |  |
| **Where can they be found?** |  |  |  |
| **What are they used for?** |  |  |  |

1. Once the chart is complete, partner with a classmate and discuss how your charts are alike and how they are different.

Write down one **difference** between the information in your chart and your partner’s chart:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write down one **similarity** between the information in your chart and your partner’s chart:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Look at the rock samples the teacher has placed in the classroom. They are labeled as igneous, metamorphic, and sedimentary. Describe how each type of rock looks to you in the space below.

|  |  |  |
| --- | --- | --- |
| Igneous | Metamorphic | Sedimentary |
|  |  |  |