**Student Directions and Information**

**Igneous Rocks**

You are a geologist working for the National Parks Service. Your job is to investigate different rock formations and create informational articles for the national parks website. For your first investigation you will be researching Devils Tower National Monument. Use your Chromebook and notes to help you find information about the rock formations in the park. For your final report you will need to include

1. 3 facts about the park.
2. How did the igneous rock in the park form? (You might find more than one way scientists think it formed. You only have to describe one)
3. Give at least 2 examples of igneous rocks.
4. What is the difference between intrusive and extrusive igneous rock? Give an example of each type.
5. What other national parks have igneous rock?

**\*\*\*Include at least 1 illustration or diagram to help explain\*\*\***

**Sedimentary Rocks**

After the success of your igneous rock investigation at devil's tower you have been asked to research Badlands National Park and create an informational article for its website. You must include

1. 3 facts about the park.
2. How were the sedimentary rocks at the park formed?
3. Give at least 2 examples of sedimentary rock.
4. What is weathering? What role did weathering/erosion play in shaping the rock formations at the park?
5. What are fossils? What kinds of fossils can we find in the park?
6. Another national/state park that has sedimentary rock formations

**\*\*\*Include at least 1 illustration or diagram\*\*\***

**Metamorphic Rock**

For your final article you will be investigating Rocky Mountain National Park and the metamorphic rock found there. You must include

1. Give at least 3 facts about the park.
2. How was the metamorphic rock in the park formed? Be sure to talk about heat, pressure, and crystals.
3. Give at least 2 examples of metamorphic rock
4. What are some of the ways we use metamorphic rock?
5. What other types of rocks are found at this park?
6. Another National park/monument where we can find metamorphic rock

**\*\*\*Include at least 1 illustration or diagram\*\*\***