**Geology Review Sheet**

**Minerals**

1. What 5 characteristics must matter have in order to be classified as a mineral?
2. Define Cleavage and be able to determine how many faces of cleavage a mineral has
3. Define and describe the luster, colour, streak, hardness and cleavage of minerals

**Rock Cycle**

1. Understand all of the steps of the rock cycle and be able to describe the steps
2. What are all rocks made up of?

**Igneous Rocks**

1. Describe the steps of igneous tock formation
2. Compare and contrast extrusive and intrusive igneous rocks
3. List the 5 different types of texture and how they are formed. Be able to recognize the different textures in pictures
4. Name light silicate minerals and dark silicate minerals

**Sedimentary Rocks**

1. Describe how clastic sedimentary rocks are formed
2. When given two rocks be able to determine which has travelled further from its source
3. Describe how chemical sedimentary rocks are formed
4. Describe how organic sedimentary rocks are formed and give an example of a rock
5. Identify 4 different features of sedimentary rocks
6. Why are fossils only found in sedimentary rocks?
7. Compare and contrast Nodules and Geodes

**Metamorphic Rocks**

1. How does metamorphism change rocks?
2. Give two sources of heat inside the Earth. Describe what occurs to rock near these sources
3. Contrast confining pressure and differential pressure
4. How does foliation occur? What is it evidence of?
5. What are the two types of metamorphism?
6. Be able to identify foliated and non-foliated rocks from pictures