Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***3rd Nine Weeks Project: Science***

***Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

Description: The students will be given a topic by their teacher on one of the landforms located in Arkansas.  The student will have to research this topic to find information.  The topics are listed below as well as the information the students are to be looking for.  The students have to make a Power Point of their topic.

**Landforms:**

1.     Ozark Plateau

2.    Crater of Diamonds

3.    Ouachita Mountains

4.    New Madrid Fault

**Research Information:**

1.     Ozark Plateau

         Where are they located?

         What are the 3 plateaus in Arkansas?

         How much is each plateau above sea level?

         What do they look like?

         What rocks are found in each plateau?

         Geology of each plateau

2.    Crater of Diamonds

         Why diamonds can be found there?

         History of the Diamond Mine

         History of the Diamond Park

         History Timeline

         Famous Finds

         Diamond Statistics from the park

         What are some photos of diamonds and locations?

 3.    Ouachita Mountains

         Where are they located?

         What types of rocks are located in mountains?

         What are some photos of the mountains? (look like)

         History of the Ouachita Mountains. (details)

         What can be mined in the Ouachita Mountains?

4.    New Madrid Fault

         Where is the New Madrid Fault located?

         Picture of the New Madrid Fault in Arkansas

         How many small earthquakes have registered on the Richter Scale from the New Madrid Fault?

         When was the last earthquake recorded?

         What happened between the months of December 1811 and February 1812?

         What is the Richter Scale?

         What counties in Arkansas would most likely be affected by the New Madrid Fault?

**Power Point Requirements:**

         At least 10 slides. (No more than 20 slides)

         At least 6 photos.

         Information on each slide MUST HAVE A TITLE (The TITLE is the question you are answering.)

          Your name on the power point and the TOPIC you are researching about. (This has to be on your FIRST SLIDE of your power point! )