**Dakota State University  
College of Education**

**If You Find a Rock- Lesson 3**

Name: Darcie Malcom

Grade Level: 3rd

School: St. Thomas Elementary

Date: 11-08-10

Time: 1:00 pm

Reflection from prior lesson: N/A

**Lesson Goal(s) / Standards:** 3.A.E.1.1. Students are able to identify physical properties of rocks.

**Lesson Objectives:**

* After the lesson, the students will be able to correctly list the 5 different types of rocks discussed and instructed in class.
* I can tell the class 4 distinct characteristics of one certain type of rock.
* I can tell 3 different thing about a rock that I did not know before this lesson started.

**Materials Needed:**1 book: Rocks: Hard, Soft, Smooth, and Rough; 11 pieces of paper, 11 pencils, 5 poster boards, coloring materials, example of my own rock chart, and 5 different rocks: Obsidian, granite, sandstone, limestone, and marble.

**Contextual Factors/ Learner Characteristics:**

**A.  The Lesson**

* **Introduction**
* Introduction will consist of having each student stand up and tell me one thing they know about a rock.
* Review of the students quiz from the last lesson will be gone over and any questions the students have about the quiz will be answered.
* I will review to the students what we will be doing in class today and if there are any questions they will be answered before we begin.
* **Content Delivery** 
  + Students will then get back into their groups from last class period.
  + Each group will get the rock they worked with last class period in their group.
  + The students then will get a sheet of poster board to make a rock chart of their own rock. Students will each do one rock per group. An example of a chart will be given to the students so they comprehend what should be on their poster. Also a list of items that are expected to be on their poster will be listed on the board.
  + After the students are finished with their part of the poster, the posters will then be taped together for one big rock chart.

* **Closure (include time allotment)**
  + Students and I will then have a quick review of the rock chart. The rock chart will be hung up in the classroom so that the students may use the chart if needed.
  + I will thank the students and teacher for allowing me to come into the classroom and teach. I will then make sure students do not have any questions before I leave.

**B. Assessments Used**

* Each group of students will need to put a chart together on one type of individual rock. Students will then be able to explain their rock in detail by using their rock chart.
* Students will write down the five types of rocks on a sheet of paper. The students will then write down 3 items they have learned from this rock lesson.

**C. Differentiated Instruction:** N/A

**D.  Resources:**

The book “Rocks: Hard, soft, Smooth, and Rough” by Natalie Rosinsky

Lesson resource- “More Picture-Perfect Science Lesson” by Karen Ansberry and Emily Morgan

These topics should be on your poster board:

* The name or you specific rock (obsidian, Granite, sandstone, limestone, or marble)
  + This should be on the top of your poster in big letters
* What type of rock your specific rock is such as: igneous, sedimentary, or metamorphic
* The colors that may appear on your rock
* What my rock feels like
* What my rock is used to make
* Please add any other material you feel is special when it comes to your rock

Please feel free to look over to use the book I have up from for extra help.