

**Project FOCUS  
Best Lessons  
KINDERGARTEN**

**Title of Lesson:** Sedimentary Cupcakes

**Theme:** Earth/Space Science

**Unit Number:** 5      **Unit Title:** Rocks and Soils

**Performance Standard(s) Covered (enter codes):**

SKCS4

SKE2

**Enduring Standards (objectives of activity):**

**Habits of Mind**

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

**Content (key terms and topics covered):**

Layers of the earth

**Learning Activity (Description in Steps)**

**Abstract (limit 100 characters):** Students will recognize that the earth is made up of different layers.

**Details: Before class:** Mix up the cake mix according to the instructions. Separate the mix evenly in three different bowls, and add a different color of food coloring in each bowl (red, blue, green).

**In class:** Split the students into groups of 5-7. Have each group come up to your work area and show them how the different layers are formed. First, add the red into the baking cup and ask them what layer of the earth that is. Then, add the blue and then the green. Make sure you do all the mixing and you only make one cupcake to show the group the different layers. Then, you can show the kids a video on the earth while you make the rest of the cupcakes- enough for the whole class. Bake the cupcakes accordingly at the school. Make sure the school has an oven you can use. After the cupcakes are done, pass out paper towels, drawing paper, and crayons. Since I taught a kindergarten class, I went around and cut the cupcake from top to bottom and split it in half for each student to observe and draw what they see.

**Materials Needed (Type and Quantity):**

1 box of white cake mix

3 different colors of food coloring

Baking cups

**Drawing paper**  
**Plastic knives**

**Notes and Tips (suggested changes, alternative methods, cautions):**

**Make sure you do not give a plastic knife to younger kids. Also be sure the school has an oven you can use.**

**Sources/References:**

- 1)
- 2)
- 3)