

**Project FOCUS  
Best Lessons  
FIRST GRADE**

**Title of Lesson:** Moon's Surface

**Theme:** Earth/Space Science

**Unit Number:**        **Unit Title:**

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

S1CS4

S1CS6

**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):**

Space, planets, moon

**Learning Activity (Description in Steps)**

**Abstract(limit 100 characters):** This experiment informs students about the moon's surface.

**Details:** Before we did the activity, I talked about the moon. Most students thought the moon would be very smooth because of what they see in the sky. I told them about Neil Armstrong, and how he said he could see his footprints on the moon's surface. I told them how the moon's surface was relatively rough. Then, I poured some plaster of paris in my big bowl that was empty. I poured a little bit of water into the bowl with the plaster. I stirred the mixture. I added water accordingly. I let everyone stir the mixture with careful supervision. Once the plaster was mixed sufficiently, it resembled wet concrete. I took a boot, and placed it in the bowl. I made sure to do the left boot since Neil Armstrong's first foot on the moon was his left foot. I took it out of the mixture, and the boot print was there in the plaster. Around the print, I made craters and rough spots. The first graders wanted to touch the moon. So, I let each student do a finger print in the moon. Then, I wiped their hands off with the paper towels. They thought this was awesome! They said things like "This is real science!"

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

**Plaster of paris**

**Big bowl**

**Water**

**Large spoon or stirring rod**

**Pair of boots**

**Paper towels**

**Picture of the moon**

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

**It is imperative that the kids do not eat the plaster of paris. Also, make sure everyone stays orderly while outside.**

**Sources/References:**

**1) Harcourt Science, Georgia Edition**

**2)**

**3)**