

**Project FOCUS
Best Lessons
KINDERGARTEN**

Title of Lesson: The Sun, The Moon, and The Earth

Theme: Earth/Space Science

Unit Number: 3 **Unit Title:** Space, Time and Gravity

Performance Standard(s) Covered (enter codes):

SKCS4

SKE1

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):

Sun, moon, earth, sky, day and night

Learning Activity (Description in Steps)

Abstract (limit 100 characters): This activity helps kids understand why and how the moon shines at night.

Details: Begin by blowing up each balloon and explaining to the students what each one represents. Then after blowing up the Earth, ask the kids to tell you what country they live in. This helps incorporate a little geography into the lesson as well. Also ask them their state and town and draw these. Then continue to draw the 7 continents and tell the kids what they are. Allow two students to assist you at a time with one holding the Earth and one holding the moon. You hold the flashlight. Show the kids that it is daytime outside and ask them where they think the flashlight should point to reenact that on your blown up planet. Show them that while the USA side of the balloon is lit up, the China side is dark. Meaning it is what in China? Night time. Now show them that while the sun is shining on Athens, GA and it is dark in China, have the moon student stand on China's side and shine the flashlight on the moon. This will show the kids that people in China are seeing the moon while people in America see the sun. This will help to give them a basic idea of reflection and how it works. Next have your Earth student begin to slowly rotate the earth causing different parts of the earth to be hit by the flashlight. Explain to the students that this rotation represents how the earth moves everyday and that this is what causes sunrise and sunset and the sun's general movement throughout the day in the sky.

Materials Needed (Type and Quantity):

A white balloon to represent the Moon
A blue ballon to represent the Earth
A sharpie to draw countries on Earth
A flashlight to use as the sun

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

Sources/References:

- 1)
- 2)
- 3)