

Project FOCUS  
Best Lessons  
KINDERGARTEN

**Title of Lesson:** The Great Force of Gravity

**Theme:** Physical Science

**Unit Number:** 2      **Unit Title:** Motion, Movement, & Gravity

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

SPS6

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**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):**

Gravity on Earth

**Learning Activity (description in steps)**

**Abstract (limit 100 characters):** Students will learn the effects of gravity on different objects.

**Details:** Keeping in mind that not all Kindergarteners know the word, "gravity", simply ask them why the ball falls on the ground when kids play catch. After they come up with ideas, demonstrate. Ask one of the students to hold a ball at table height and have the other students brainstorm ideas as to what will happen if the student lets go the ball. Once they see the ball fall to the ground, introduce the force of gravity and that the planet pulls all objects to the ground. Ask them questions like, why did the ball not go across the room? Show different objects free falling such as crumpled paper, flat paper, feathers, pencils etc. To show the concept of no gravity, show them a video on YouTube with an astronaut on the moon and ask them questions so they can understand the difference of the force of gravity.

**Materials Needed (type and quantity):** Ball, feather, Paper etc YouTube video

**Notes and Tips (general changes, alternative methods, cautions):** It is important that the kids do not consume any of these objects. Alternative methods, from my experience, would be to pass out the objects after explaining the rules so they do not starting messing with the objects due to curiosity. Also, to constantly ask questions so they do not get off topic.

**Sources/References:**

- 1) <http://www.youtube.com/watch?v=r8KZyj7alA4>
- 2) [Click here to enter text.](#)
- 3) [Click here to enter text.](#)