

Project FOCUS
Best Lessons
KINDERGARTEN

Title of Lesson: Gravity

Theme: Physical Science

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

Performance Standard(s) Covered (enter code):

SKP3. Students will observe and communicate effects of gravity on object

- a. Recognize that some things, such as airplanes and birds, are in the sky, but return to earth.
- c. Explain why a book does not fall down if it is placed on a table, but will fall down if it is dropped.

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, motion

Learning Activity (description in steps)

Abstract (limit 100 characters): Students learn about gravity and its affect on different objects. Students also explore the idea if there was no gravity.

Details: For opening, create a KWL chart (what we know, what we want to know, and what we learned) to direct class discussion. During discussion asked students questions about where they see gravity and the consequences if there were no gravity (about 10 minutes). Do a mini lesson dropping one of the objects they will be exploring in their work station as an example and discuss together (3-5 minutes). Go over safety rules: no putting objects in mouths, no breaking materials, no throwing materials, and sharing materials. During work station, students explore the materials in each of their group. They first predict how it is going to fall, drop the item, and notice how gravity acted on the object (10-15 minutes). **For closing, go back to whole class discussion group and fill out what they learned on the KWL chart.

Materials Needed (type and quantity):

Leaf

Piece of paper

Pencil

Paper airplane

Marble

Block

(Note: material set for each group)

Notes and Tips (general changes, alternative methods, cautions): Keep an eye on time, completing all parts of this science lesson will take up entire science block. Maybe a timer for each activity would be helpful to keep on track. ** In my case, I was not able to regroup students for discussion on what was learned, if this happens, go over it in the next class discussion on gravity, or touch up on what they learned for a couple minutes before you introduce a new topic.

Sources/References:

- 1) [Click here to enter text.](#)
- 2) [Click here to enter text.](#)
- 3) [Click here to enter text.](#)