

**Project FOCUS
Best Lessons
KINDERGARTEN**

Title of Lesson: How do we move objects?

Theme: Physical Science

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

Performance Standard(s) Covered (enter codes):

SKP2. Students will investigate different types of motion.

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):

Students used senses and intuition to discuss the different types of motions, how objects move, and notice a slight introduction into the subject matter of gravity.

Learning Activity (Description in Steps)

Abstract (limit 100 characters): Witness different types of motion. Understand movements such as sliding and rolling, push and pulls.

Details: This activity is a good introduction to motion and meets the motion standard. The lesson is simple to teach, and the students enjoyed the various objects especially the toy car. The time required is 15-20 minutes when done in small groups. Little preparation is required for this activity. The items need to be collected. I would suggest having at least one item per student in the group. Have the charts prepared ahead of time. Begin the activity with a short discussion of movement. One possibility to begin discussion is to choose one item and allow the children to talk about how they can move the item. Demonstrate its movement. Ask students about other objects they can move such as a swing. Next, begin showing the students the objects you have brought. Allow them to demonstrate their movements. Then classify the movement as rolling or sliding and record your observation on the chart. Speed and direction of movement (straight, zigzag, round and round) can also be discussed

Materials Needed (Type and Quantity):

1. Small toy car
2. Small rubber ball or tennis ball

3. Smallboxes
4. Pencil
5. Blocks
6. Cylinder (I used a tennis ball can)
7. Cube
8. Cans
9. Paper/Poster Board to make chart

*Other household items can be used.

*1 item of each material per student.

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

Safety Issues: Instruct children to only move objects across floor of tabletop and not through the air. Some questions to ask: Which objects rolled? Which objects did not roll? Did the object move fast or slow? In the future, I would not modify anything except possibly diving into more depth about the fact/idea that it is a force that we apply to these objects (and natural forces) that make things move, and that energy is required to do it.

Sources/References:

1)

https://www.georgiastandards.org/_layouts/GeorgiaStandards/Unitbuilder/searchresults.aspx?viewmode=details&StandardIDSelected=114

2)

3)