

**Project FOCUS
Best Lessons
KINDERGARTEN**

Title of Lesson: Sink or Float

Theme: Physical Science

Unit Number: 1 Unit Title: Physical Properties of Matter

Performance Standard(s) Covered (enter codes):

SKP1

SKCS1

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):

Weight, water, sinking or floating

Learning Activity (Description in Steps)

Abstract (limit 100 characters): Students will predict if different objects sink or float and observe what happens.

Details: I began the lesson with reading a book called *What Can Float?* by Judy Speback. We then started with each object predicting whether it would sink or float. We next put the objects in the water bottle one by one to see if our predictions were correct. They drew pictures of each object that had sunk and each object that had floated. We lastly discussed the properties of the objects to make them sink or float.

Materials Needed (Type and Quantity):

2 liter clear plastic bottle with label removed

Fill the bottle 3/4 full of water

Different objects to be added to the water: small rocks, shells, nuts/bolts, paper clips, crayon shavings, confetti, toothpicks, a squirt of dish soap, wooden beads, Legos, etc.

A piece of poster board

A copy of a bottle for each child to draw the objects that sank or floated

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

Sources/References:

- 1)
- 2)
- 3)