



PATCONG CREEK  
FOUNDATION

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## **KINDERGARTEN LESSON PLAN**

CONTENT AREA(S): Science, Language Arts

TOPIC: Sink or Float

GRADE LEVEL: Kindergarten

SEASHORE SCIENCE CENTER:

Resources: Computer, Internet, Worksheets, Plastic Tubs, Water, Corks, Empty Plastic Bottles, Rocks, Plastic Eggs, Child's Lab Coat

STANDARDS:

Science: K – PS2-1, K – PS2 – 2, K – 2ETS1 – 3

Language Arts: RL.K.1, RI.K.3, RI.K.7

LEARNING TARGETS:

Students will be able to:

1. Identify items that can float or sink in water.
2. Compare how size, weight, and shape of an object can cause an object to sink or float.
3. Identify and discuss objects in nature that can sink or float.

#### ACCOMMODATIONS AND MODIFICATIONS:

1. Students will be provided with picture worksheets that correlate to the activities of the lesson.
2. Students will be provided with the basic vocabulary words to complete the activities.

KEYWORDS: Sink, Float

#### INSTRUCTIONAL MATERIALS:

1. Vocabulary List
2. Education websites:

[www.education.com/worksheets/kindergarten/science](http://www.education.com/worksheets/kindergarten/science) (Note: Check Learning Lab and worksheets at the site).

#### PROCEDURES:

1. After explaining the definitions of sink or float, ask students to give examples of items that can sink or float.
2. Make a chart of the items that students have given the teacher that sink or float.
3. Take a tally from students who think each item will sink or float. List the number next to each item.
4. Set the chart aside for review later in the lesson.
5. Purchase a child size Lab Coat for classroom science lessons. Select a student to be the "Scientist of the Day" to assist with the lesson. Keep a photo of the students during the year as they participate in science activities.
6. Divide the class into small groups each with a plastic tub, water, paper towels and objects to use in the experiment.

7. Show students how to place the objects in the water to avoid splashing water on the table and each other.
8. Students are given a worksheet with the items that they are testing. Working together, they can make their conclusions on the items by printing an S (sink) or F (float) on the pictured item.
9. Groups move back to large group instruction to review their findings with the class and make correction to the chart they made at beginning of the lesson.
10. Using the education website, activity worksheets can be distributed for additional discussion. (Titles: Sink or Float, Matter: Sink or Float, Sink or Float with Cookie Monster).
11. Students can take a walk around their classroom, school or building to find items that sink or float. After returning to the classroom, the teacher can list their ideas on the updated chart.
12. As a culminating activity, students can complete a coloring worksheet of their favorite item that either sinks or floats. They can also choose to draw their favorite item and color it.
13. Using construction paper, students can paste their coloring onto the colored paper to be displayed in the classroom.

