



## Float or Sink Experiment

For this experiment first fill a large bowl, kiddie pool, or water table with water. Collect a variety of objects that sink and float. Make sure to collect objects that are similar in size but different in density, like a rock and a tennis ball. Ask your child to predict whether the object will sink or float and let them drop the object in the water. Have your child sort them into two different groups, the “Floaters” and the “Sinkers.”

Learning Objectives: Your child will learn to make predictions on what will happen. Your child will also increase vocabulary and understand characteristics of objects as you talk about why one object floated and why one sank. 11a, 11c, 13

\*Please remember young children should always be supervised around water and never left alone.

## 11. SHINY PENNIES

This is a classic experiment and one that easily pleases preschoolers. Collect dirty tarnished pennies and have the kids soak them in a bowl of vinegar. Within a minute the pennies will be instantly “shined”. For an added bonus, rinse some of the pennies in water after the vinegar dip and then compare them to the vinegar only pennies; if you wait an hour the vinegar pennies will start to oxidize and turn green.

*VARIATION: Experiment with other solutions to shine the pennies. You can try salsa (the acid in tomatoes also acts to clean the pennies), lemon juice, soap and water, and vinegar and see which one works the best.*