

## Will it Float?

## Grade 2: Properties of Liquids and Solids

1. If they are made of the same material why does the clay (or playdough) boat float but the ball sinks?
2. Do you think the boat will eventually sink if we add a lot of heavy items to it? Why?
3. Do you think the boat would still sink if it was placed in milk, soap or oil? Why? If you can, test this out!
4. Draw a picture of what you would do if you wanted to float in water?

5. Find 5 objects in your home (make sure you have permission to use them). Hypothesize (guess) whether it will sink or float. Fill a bowl with water and test it out! Fill in the chart below as you go!

Object	Hypothesis (What do you think will happen?) (It will float/It will sink)	Did it Float? (Yes or No)

6. Why do you think the objects that floated stayed above water? What made them different from the ones that sank?