



ENGINEERING DESIGN PROCESS

Will It Sink or Float?



1. Title of Experiment

2. Hypothesis (Make a list of the food items that you are going to test. Next to each food, put an “S” if you think it will sink and put an “F” if you think it will float.)

3. Draw a Picture of your Design (Sketch a design of your experimental setup.)

Will It Sink or Float?

4. Data Collection/Observations (Write the name of the food and next to it, write if it sinks or floats.)

5. Results (Draw or write some observations about which types of food sink and which types of food float.)

6. Analysis/Answer Questions

How did your results compare with your hypothesis? Were you correct about which foods you thought would sink and float?

Which types of foods tended to sink more often? Which types of foods tended to float more often?

Some of your foods may have started out by floating, but then began to sink. What could have caused this to happen?