

SCIENCE

Scientific Inquiry

Name: _____ Date: _____

Directions:

Perform a scientific inquiry by making predictions and drawing conclusions.

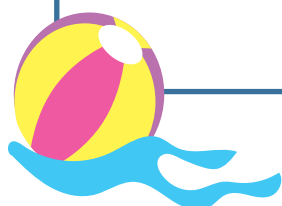
I. Does it sink or float? Perform a scientific inquiry experiment and fill out the chart below.

- Find objects to place in a bucket of water.
- Draw a picture of each object.
- Make a prediction. Circle S if you think the object will sink or F if you think it will float.
- Write what happened when you put the object in the water.



Object	Predict (Hypothesis) Will it float?	What Happened?
	S F	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	S F	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	S F	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

	S F	
	S F	
	S F	
	S F	
	S F	
	S F	



2. Draw Conclusions. Why do some objects sink and other objects float?

3. Density is a measurement of how solid something is. The more solid an object, the more it sinks. On each line below find the object that has more density and will sink in water. Reach a conclusion by checking the box next to the item that you think has more density.

feather

☐

rock

☐

pen

☐

paper

☐

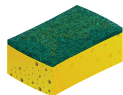
cotton ball

☐

car tire

☐

sponge

☐

plate

☐

hammer

☐

ribbon

☐