

Focused Exploration: Sink/Float

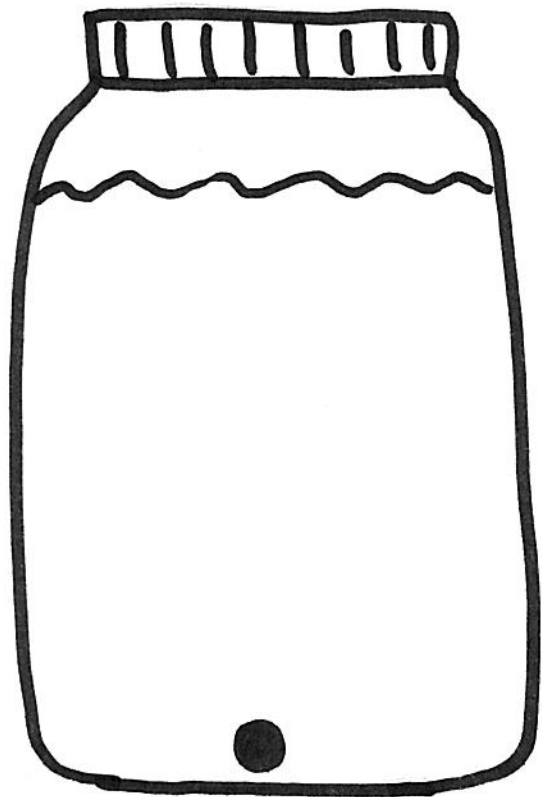
1. Take the objects out of the jar.
2. Fill the jar with water, leaving $\frac{1}{2}$ inch of air at the top.
3. Place the objects in the jar one at a time.
4. Observe. What happens? Does the object **sink** to the bottom, **float** at the top, stay **suspended** in the middle or do something else?
5. Use the chart to sort objects by what happens.
6. With the lid on tip the jar over. What happens to the object in the jar?

Go further:

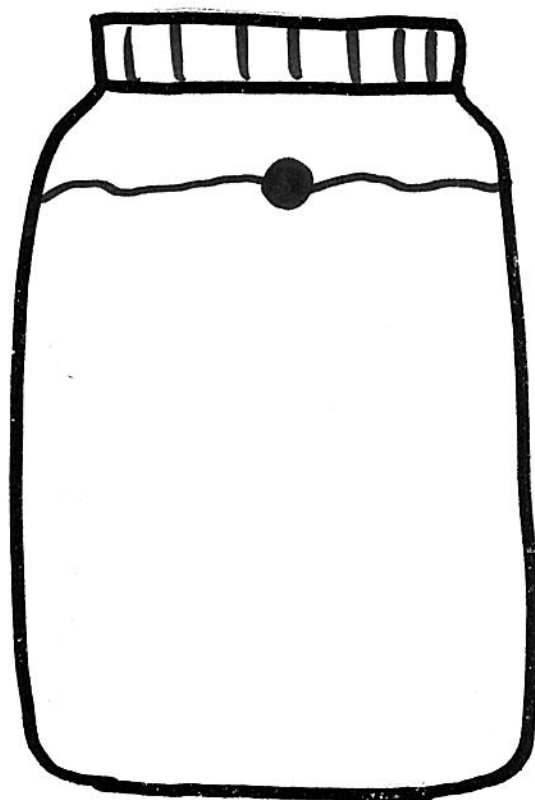
Why did some objects stay at the top and others sink to the bottom or the middle? Create some theories and test them.

Collect other objects to test. Predict what you think will happen with each object before you test it.

sink



float



suspend

