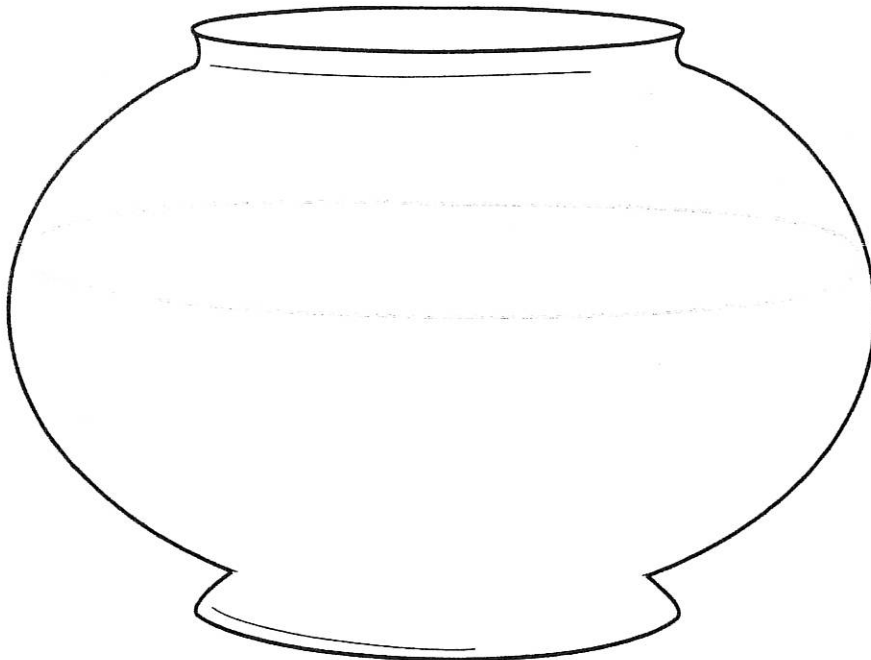


What is a Flinker?

A flinker is an object that doesn't float and it doesn't sink in fresh water. It "flinks," or suspends in the water.

Directions:

1. Complete the questions about your flinker.
2. Build a flinker out of regular household materials.
3. Spend time at home building and tweaking your flinker until you are confident it can suspend for at least 5 seconds, without moving, in a fish tank full of cool fresh water.
4. Bring your flinker to school on the due date and be ready to demonstrate your awesome flinking skills to the class.
5. Flinker Requirements:
 - a. Cannot "leak" or disintegrate into the water
 - b. If there are multiple parts, they must be fastened together
 - c. No living flinkers (no animals)
 - d. Must be assembled and tested at home first



Name _____

Date _____ Hour _____

Flinker Questions

1. What is density?

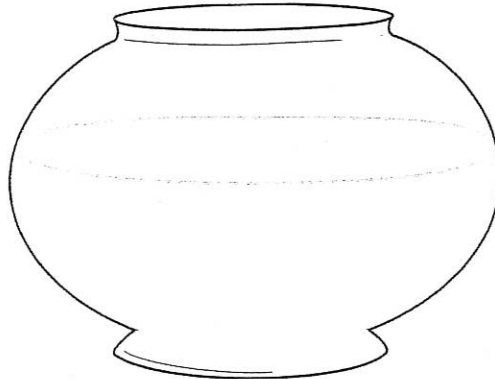
2. What is the density of freshwater? _____

3. How do you know if an object will float or sink in fresh water?

4. What must the density of your object be in order to flink?

5. Describe your flinker. What materials did you use? How did you put them together? Were you able to make it flink at home?

6. Draw a picture of your flinker in the fishbowl below. Label the parts.



7. After your flinking attempt:

a. Did your flinker flink in class? _____

b. If not, did it float or sink? _____

c. My flinker is greater than / less than 1 g/mL