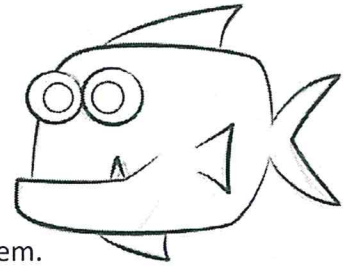


BILL NYE BUOYANCY WORKSHEET

1. The whole reason things stay afloat or sink is because water is heavy.
2. If you are in water, you are pushing it out of the way.
3. The water something displaces does / does not weigh the same as the item displacing it.
4. The shape of a boat does / does not make a difference on whether or not it will float.
if it floats
5. Things displace as much water as they weigh.
6. Things will / will not sink until they float.
7. An item will sink until it displaces as much water as it weighs.
8. One person leaving one piece of trash on a beach causes / does not cause a problem.
9. When thrown in a pool, an empty milk carton will float.
10. People, like Bill Nye, tend to float in water.
11. By filling their swim bladders with air fish can control their depth in water.
12. Something has neutral buoyancy if it doesn't either sink or float.
13. A buoyancy compensator is a vest scuba divers fill with air to control how much they swim / float.
14. It is possible / impossible to float in air.
15. If the amount something weighs is the same as the displaced weight of the water, it floats.



SUMMARY: Write 4 sentences about what you learned from this video!
