

Student Link

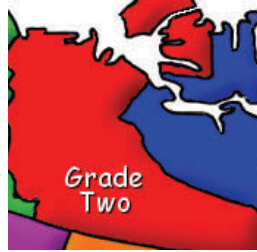
Lesson Activity for Grade 2 (*Science*: Buoyancy and Boats)

Student Name: _____

1.

Start Here!

Click On



How can a big ship like this stay floating in the water?? It must weigh a ton! Let's learn about what it takes to for an object to float in the water...

2.

Science

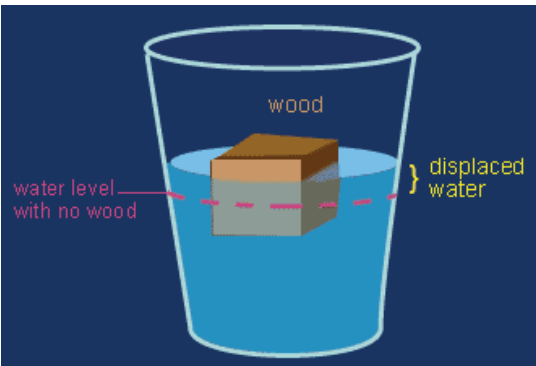
Click On

Bouyancy and Boats

- Why it Floats
- Blue's Sink or Float
- Sink or Float!
- Buoyancy Basics**
- Ice cubes float?
- Float and Sink



3.



When a block of wood is placed in a pool of water, it does what to the water?

4. Circle the correct answer: What would happen if you could weigh the water that the wood displaced?

It would weigh the same as the block of wood.

It would not weigh the same as the block of wood.

5. If you wanted to make the block of wood **sink**, you have to increase its

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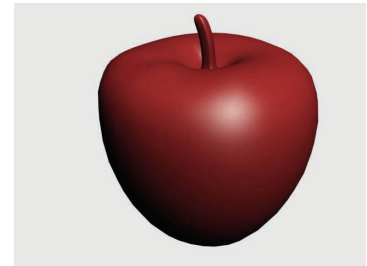
5. Choose from the list below the two most important things that **act** on an object and make it float:

Density
Buoyancy
Water
Displacement
Size

6. Now, take a look at the objects below and try to figure out whether or not it will float or sink. Write either **float** or **sink** underneath it...







7. Click the link at the bottom of the page that says Buoyancy Brainteasers:

weight was equal to the weight of the block, it would, in a sense, become weightless in the water.

Making the block just slightly denser would cause it to sink to the bottom.

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[Buoyancy Brainteasers](#) | [Teacher's Guide](#) | [Resources](#) | [Transcript](#) | [Site Map](#)
[Voyage of Doom Home](#)



Click on Boat-in-Pool Puzzler

If you'd like to find out a little more buoyancy before jumping in, check out [Buoyancy Basics](#).

- [Buoyancy Basics](#)
- [Boat-in-Pool Puzzler](#)
- [Balloon-in-Sal Puzzler](#)

8. **Boat-in-Pool Puzzler**



Will the water level rise, fall or stay the same?
Try the puzzler and see how you do!