Making a Cork Boat

Buoyancy – the ability to float in water

Buoyancy is a force that pushes up on objects. The more surface area the object has for the force to push up on, the greater chance it will float and the more weight it will hold. The denser an object, the faster it will sink, the lighter the object (air pockets) the better it will float.

1. Gather your materials
2. Optional materials
3. Take at least 2 corks, you could use more if you like and line them up next to each other like logs on a raft
4. Rubber band them together like so
5. Your cork raft is ready to float!
6. Want it to be more of a boat than a raft? Add a toothpick and a paper flag. Go ahead and decorate your flag!

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Optional materials

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Are corks dense or are they full of little air pockets? Do you think this will help it sink or float? Let’s find out!