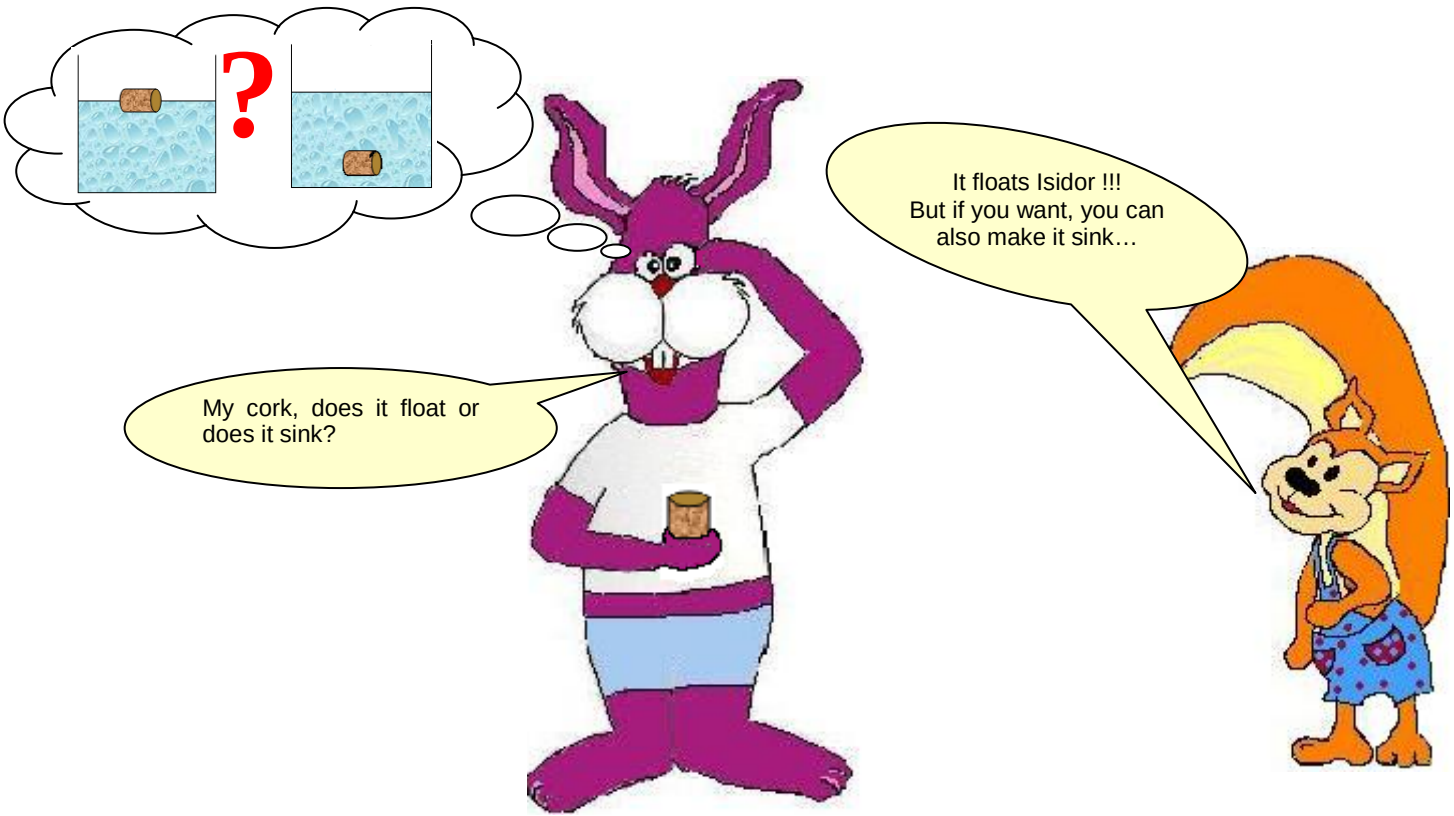
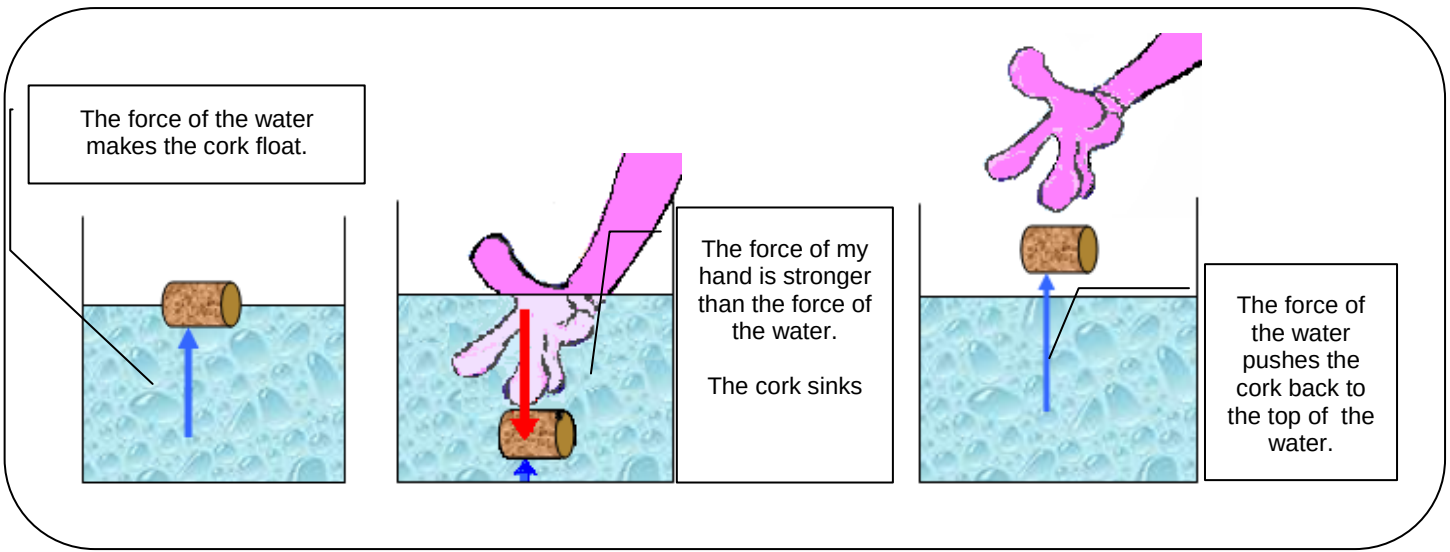
Activity 11 : Floating





If you want the cork to stay at the bottom of the water without putting pressure on it with your hand: what can you do ?

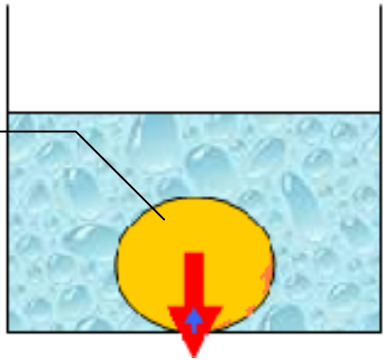
Experiment 2 : floating also depends on the shape of object

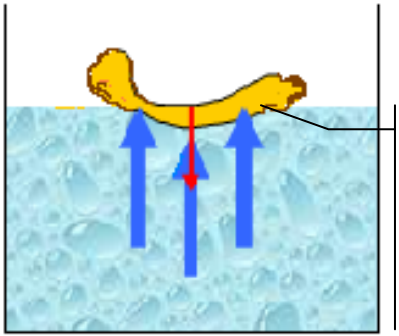
Do the same experiment with clay. Does it float or sink?

1.
If we form a ball with the clay, it sinks.

2.
If we form a ''small boat'', it floats.

When the force of the clay is greater than the force of water, the ball sinks.





When the force of the water is greater than the force of the clay, the clay floats.

Experiment 3 : How to make an object float that will naturally sink…..