

Forces

This week we are looking into **Upthrust**

Water upthrust is the force that pushes things up and causes objects to float.

When you are standing on the ground, gravity is pulling you down. The upwards force from the ground stops you from sinking into the Earth - this upwards force is called upthrust.

Key Questions:

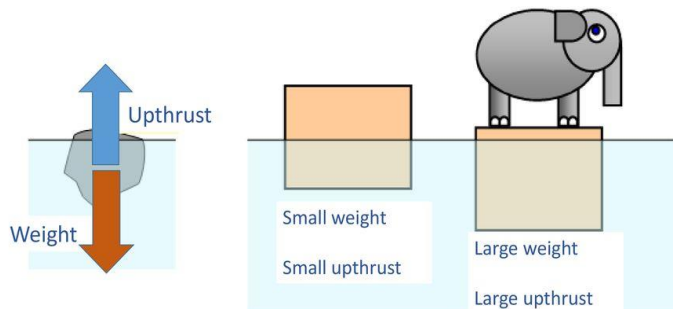
What is upthrust?

What objects float?

What objects sink?

What is the difference?

Upthrust in Fluids



Watch these videos:

<https://www.bbc.co.uk/bitesize/topics/zc89k7h/articles/zytqj6f>

<https://www.youtube.com/watch?v=CvWrkxzCiaY>

https://www.youtube.com/watch?v=eQuW8G2QV_Q

Your task:

You are going to have a go at the sink and float experiment! Have a look around the house and see if there are any objects that you would like to test (ask an adult first). Test them in the sink, or the bath tub, or in a bowl of water.

- What sinks?
- What floats?
- Did anything surprise you?
- Did you see the upthrust work?

Remember to always take photos or film this, and then upload it to SeeSaw!