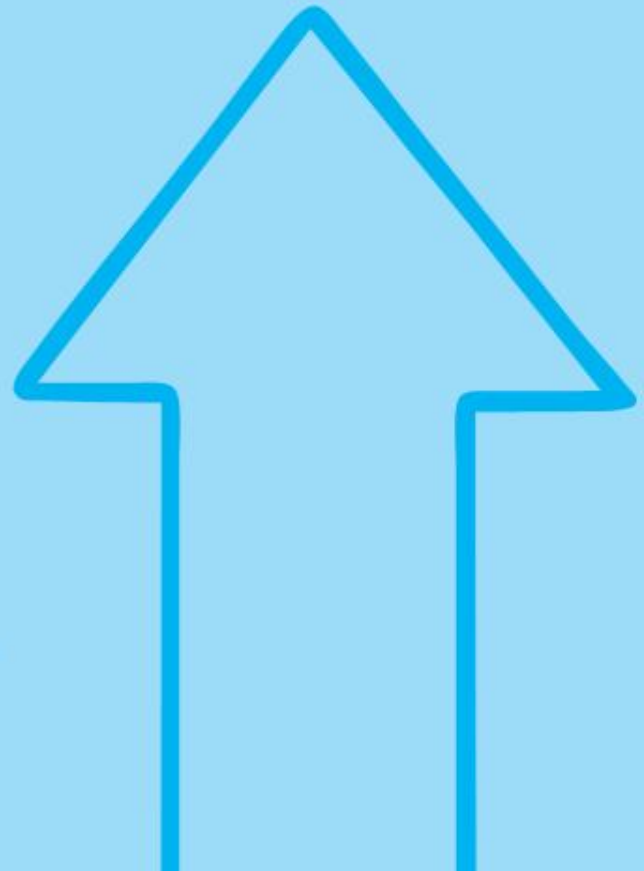
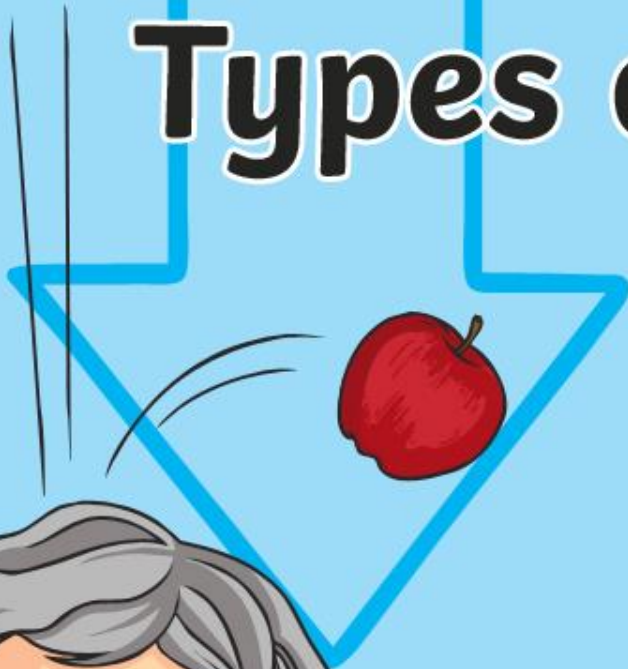


Types of Forces



Forces

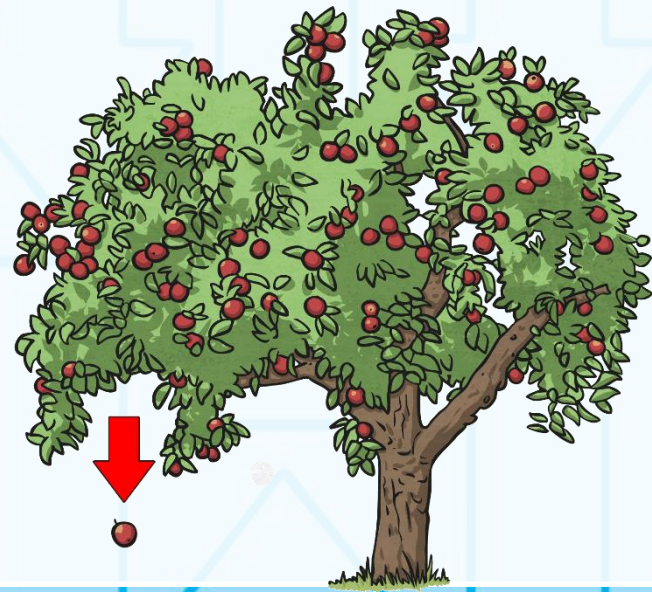
Forces are measured in Newtons, using a Newton meter.

The unit of force is named after Isaac Newton, who first theorised about forces.

Some examples of forces are...



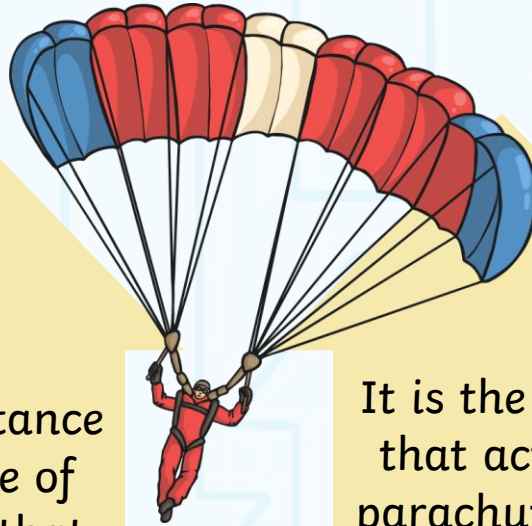
Gravity



Friction



Air Resistance

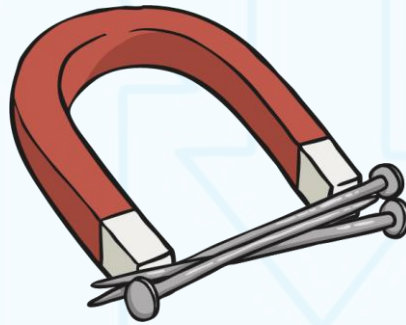


Air Resistance is a type of friction that occurs between the air and another material.

It is the force that acts in parachutes so that we don't crash to the ground.

Upthrust is not a type of friction. It is when the gas or liquid below something pushes up more than the gas or liquid above.

Magnetism



Buoyancy



Buoyancy (upthrust) is the force that pushes an object upwards in a fluid.

In the water, the weight of an object is pushing down and the upthrust is pushing up. If the weight is equal to or less than the upthrust, the object will float.

If the weight of the object is greater than the upthrust, it will sink.