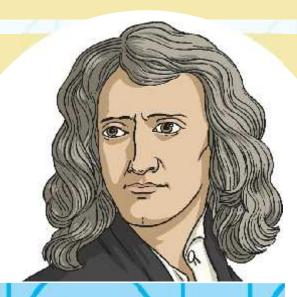


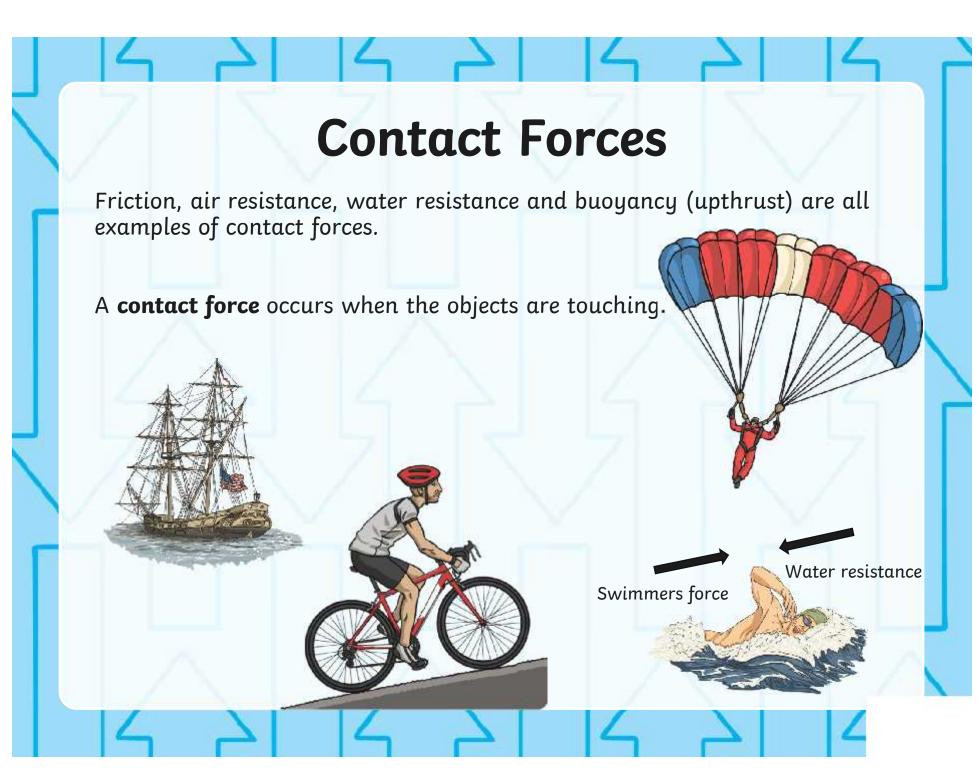
Forces

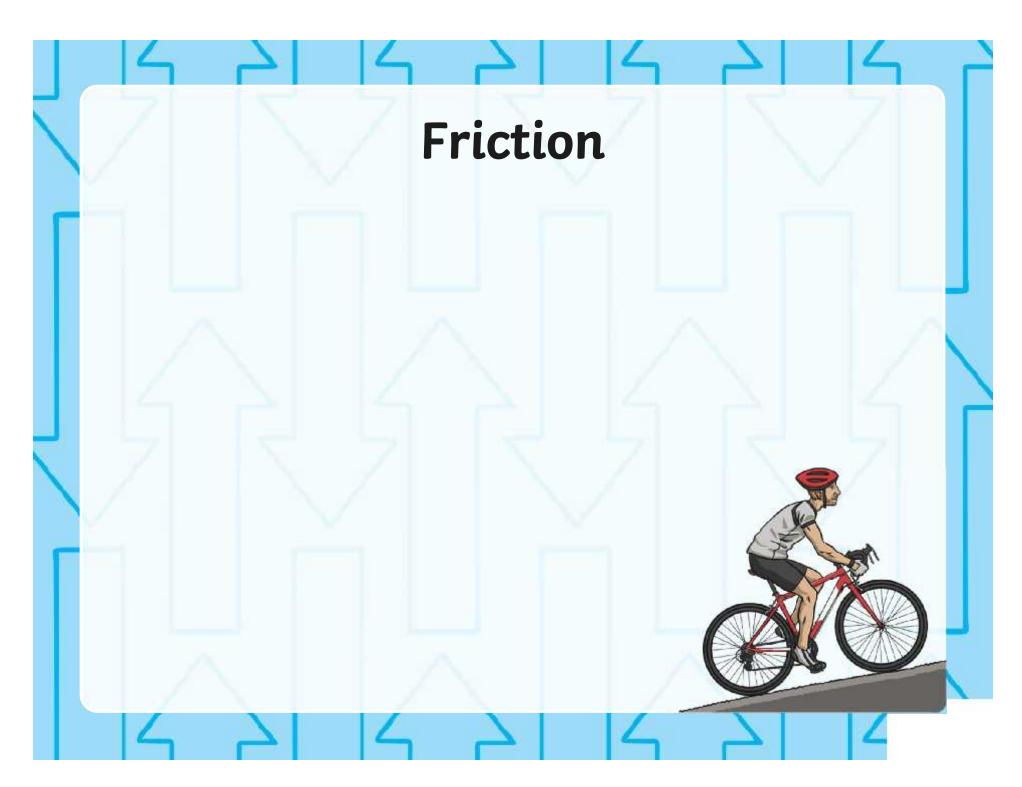
Forces are measured in newtons, using a newton meter.

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

Some examples of forces are...



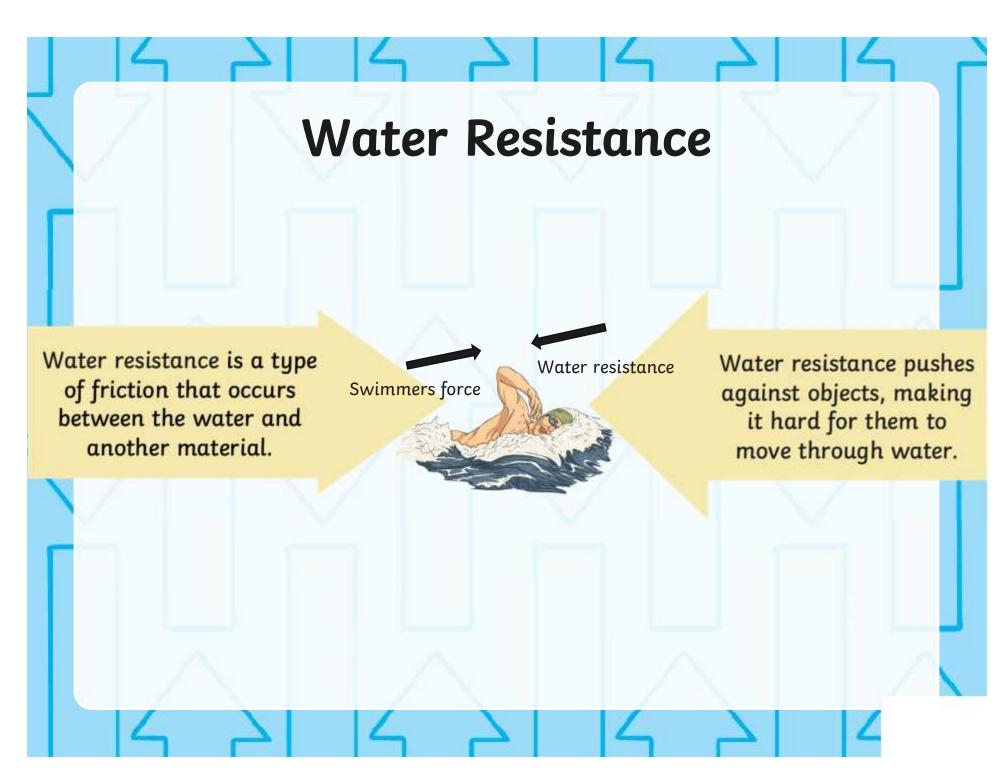




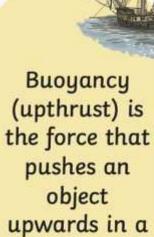


Air Resistance
is a type of
friction that
occurs
between the
air and
another
material.

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.







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.

Non-Contact Forces

Gravity, magnetism and electrical forces, such as electrostatic, are examples of non-contact forces.

A non-contact force occurs when the objects are not touching.



