

FORCE

A **force** is a push or a pull acting on an object.



shutterstock.com • 703100041



www.shutterstock.com • 70410000



alamy stock photo



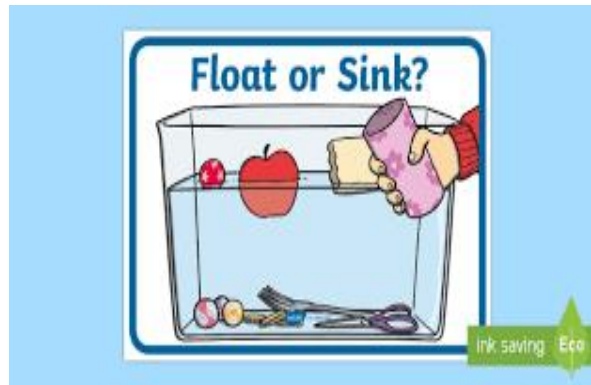
www.shutterstock.com • 70410000

Year 2 Autumn Term

FORCES

FLOATING AND SINKING

When you put an object in water two things can happen. It can float or it can sink. When it sinks the whole object is below the surface. There are different forces acting on the objects such as **gravity** and **water resistance**.



GRAVITY

Gravity is a force that tries to pull objects towards each other. It is the force that stops us floating off into space. Earth's **gravity** is what keeps you on the ground and causes objects to fall.



OLSE Science Knowledge Organiser

FRICTION

When something is pushed or pulled an opposing force is felt. This opposite force is called **friction**. Friction causes things to stop or slow down. When the grip on our shoes stops us from slipping friction is high.

Low friction

High friction

