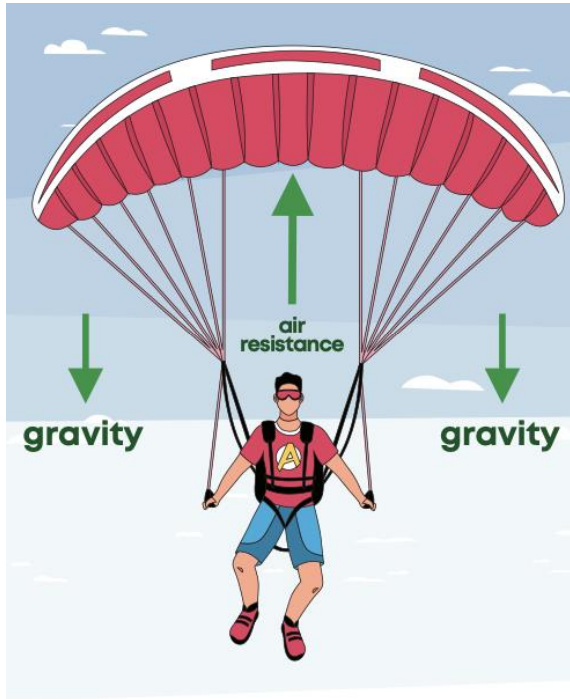


Forces - Science Y5

Force: a push or a pull



air resistance slows down the parachute as gravity pulls it to the ground



Sir Issac Newton
(1643–1727)

a scientist and mathematician who studied forces and helped us to understand how gravity works on earth

the scientific study of energy and forces is called physics; physics helps us to understand how the universe behaves

Gravity: a force that pulls objects towards the centre of the earth.

Friction: a force caused by two surfaces touching each other.

Air resistance: a kind of friction that slows objects down when they travel through air.

Water resistance: a kind of friction that slows objects down when they travel through water.

Buoyancy: an object's ability to float.

Upthrust: a force that pushes objects up in water or air.

Streamline: to shape an object in a way that reduces the effect of air resistance or water resistance.

