






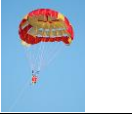




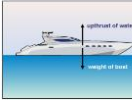

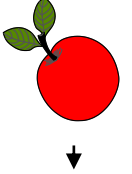


Name

Glossary for Forces in Action

air resistance		Is the force of the air pushing against anything that is moving through it, making it slow down.
force		A push or a pull. We can only see the effect of a force.
forcemeter		A spring balance used to measure force.
friction		The force between things that are touching. It caused moving objects to slow down or stop. It gives us grip and creates heat.
gravity		The force that pulls us and everything else towards the centre of the Earth.
mass		Is the amount of material in an object. It is measured in grams and remains the same wherever the object is placed.
newtons		Is the unit we use to measure the amount of force.
parachute		A piece of fabric used to slow down the speed at which an object falls through air.
rough		An uneven surface.
smooth		An even surface.
streamlined		A long thin shape that moves easily through air or water.
surface area		The size of an object's surface.
upthrust		The upward force of water or air on a stationary object. Upthrust discounts some of the weight caused by gravity and, if equal to gravity, causes the object to float.
water resistance		Is the force of the water pushing against anything that is moving through water, making it slow down.
weight		Is the invisible force pulling down on something because of gravity. Gravity gives an object its weight. The weight may change depending on where the object is but the mass stays the same.