

Spelling list: Year 7 science - forces

Year 7, forces

Upthrust	Upthrust is the force that stops boats sinking in water.
Gravity	We often use the word weight when we are talking about mass and how heavy something is, but weight is affected by gravity .
Friction	The force between two moving surfaces or objects is called friction .
Newton	Newton was a scientist who gives his name to Newton-metre and some laws of physics, e.g. Newton's third law.
Force	The force needed to be overcome to allow the object to move.
Resistance	With strength - amount of force a muscle can exert against resistance .
Weight	A pulley can be used to lift a heavy weight .
Reaction	Reaction force opposes gravity.
Interaction	In physics, a force is any interaction that, when unopposed, will change the motion of an object.
Tension	High tension .
Balanced	A state in which opposing forces are balanced .
Unbalanced	When one force is larger than the other, the forces are unbalanced .
Constant	The trophy is a constant reminder of his success.
Stationary	Our train was stationary for over an hour.
Resultant	The overall force is the resultant force.
Equilibrium	Equilibrium is reached when the resultant forces balance out to zero, so the motion doesn't change (e.g. a parked car).