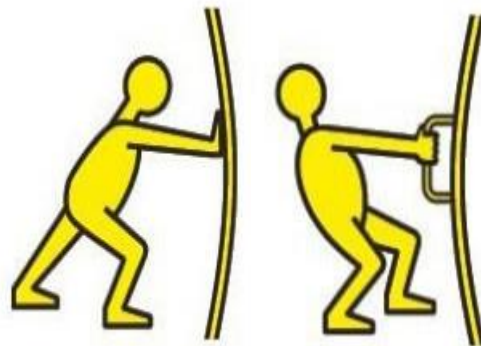
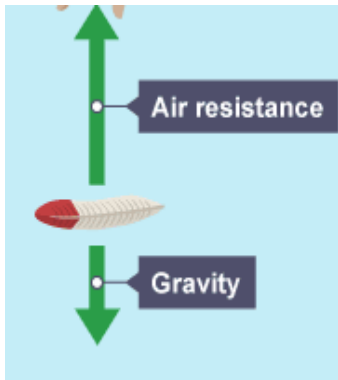


Y5 – Knowledge Organiser - Forces

Key Vocabulary



PUSH

Balanced Force

PULL



Unbalanced Force



Air resistance – A force that is caused by air which tries to stop an object moving through it.

Force – A push or pull upon an object resulting from its interaction with another object.

Friction – The resistance that one surface or object encounters when moving over another.

Gears – A toothed wheel that works with others to alter the relation between the speed of a driving mechanism (e.g. engine) and the speed of the driven parts (e.g. the wheels).

Gravity – The force that attracts a body towards the centre of the earth.

Lever – A rigid bar resting on a pivot that is used to move a heavy or firmly fixed load.

Mass – The weight measured by an objects acceleration under a given force or by the force exerted on it by gravity.

Pull force – To draw or haul towards oneself or itself, in a particular direction.

Pulleys – A wheel with a grooved rim around that changes the direction of a force applied to the cord.

Push force – To move something in a specific way by exerting force.

Water resistance - A force that is caused by water with the force acting in the opposite direction to an object moving through the water.