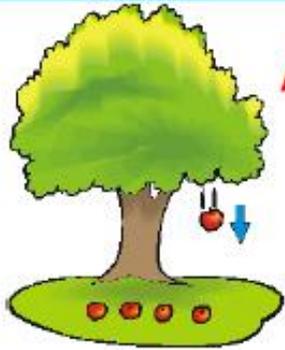


Key Vocabulary

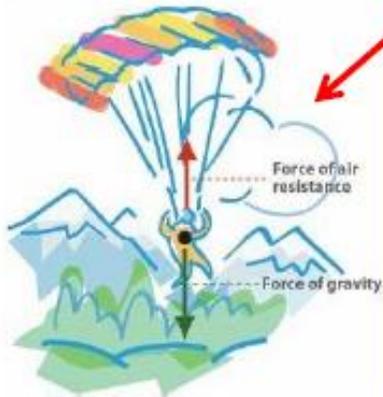
FORCES

Gravity



Objects fall towards the Earth because of the force of gravity acting between the falling object and the Earth.

Air Resistance

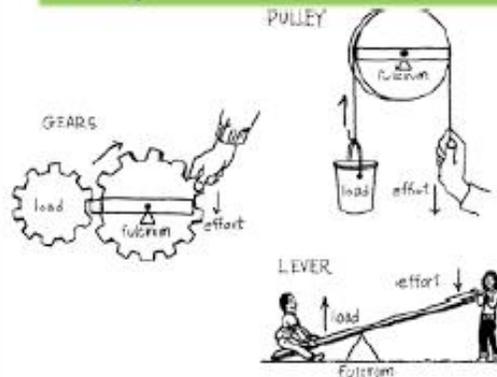


Air resistance is a type of friction. Air resistance is air pushing against a moving object. This can **slow** the speed of the travelling object.

Water Resistance



Water resistance is type of friction. When you move through **water**, you have to push **water** out of the way. As the **water** passes across your skin, it pulls against it, tending to make you slow.



Mass

The weight measured by an object

Pulleys

A wheel with a grooved rim around that changes the direction of a force

Lever

A rigid bar resting on a pivot that is used to move a heavy object

Force

A push or pull upon an object because of its interaction with another object

Gears

A toothed wheel that works with others to change the speed of the mechanism and its parts.

Friction

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

Friction

A force between two surfaces. This can effect the speed of the moving object.

Lever, pulleys and gears can make movement easier.

