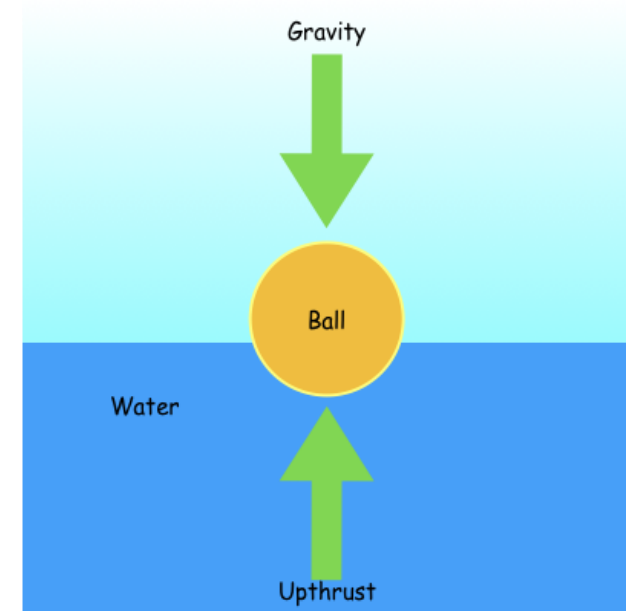


Knowledge Organiser- Science Year 5- Forces

Key Vocabulary	Definition
Force	A push or a pull
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.



Gravity is equal to upthrust, so the ball floats. The forces are balanced.



Air resistance slows down the parachute as gravity pulls it to the ground.

Pulley	Lever	Gear