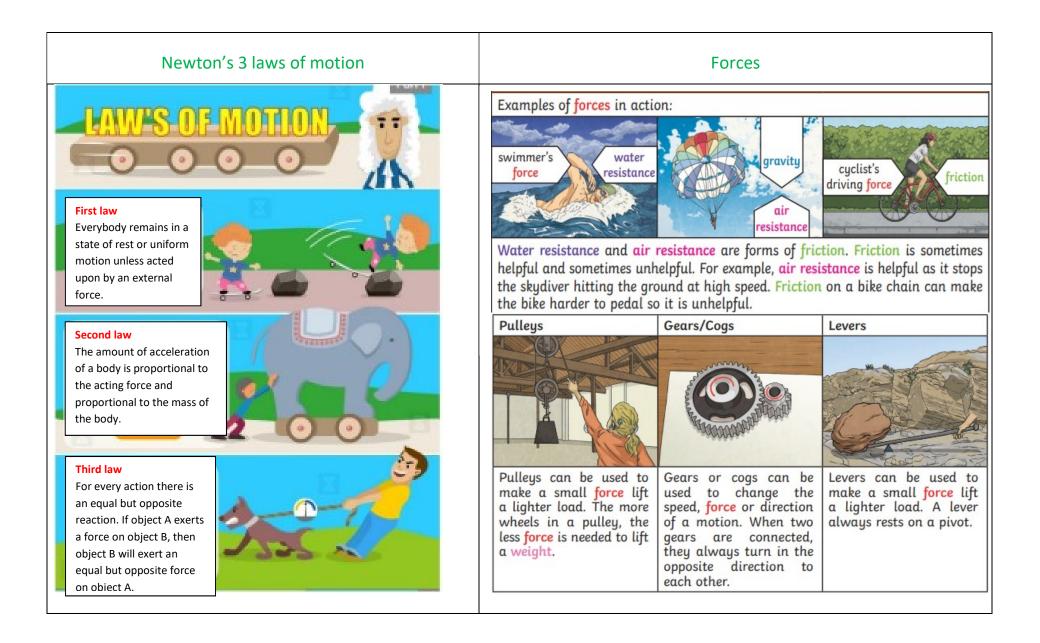
	Key Vocabulary	What can a force do?			
Gravity	The force that attracts a body towards the centre of the earth.	start to move. stop moving.			
Force	A push or pull upon an object resulting from its interaction with another object.				
Friction	The resistance that one surface or object encounters when moving over another.	change Forces move			
Weight	The measure of the force of gravity on an object.	direction. an object faster.			
Mass	The weight measured by an objects acceleration under a given force or by the force exerted on it by gravity.	change its shape. move more slowly.			
Pull force	To draw or haul towards oneself or itself, in a particular direction.	intove more stowig.			
Push force	To move something in a specific way by exerting force.	Isaac Newton			
Water resistance	A force that is caused by water with the force acting in the opposite direction to an object moving through the water.	Isaac Newton is considered one of the most important scientists in history. Even Albert Einstein said that Newton was the smartest person that ever lived. During his lifetime Newton developed the theory of gravity, the laws of motion, a new type of mathematics called calculus. Isaac Newton was born in 1643 and became famous for his work o gravity and his laws of motion. The famous story of an apple falling			
Air resistance	A force that is caused by air with the force acting in the opposite direction to an object moving through the air.				
Earth's gravitational pull	The pull that Earth exerts on an object, pulling it towards Earth's centre. It is the Earth's gravitational pull that keeps us on the ground.				
streamlined	When an object is shaped to minimise the effects of air or water resistance.	 to the ground from a tree illustrates how Newton's work on graws inspired by things he observed in the world around him. Newton told the story of seeing an apple fall to the ground from tree which inspired him to wonder why it fell down, rather that or across. This led to his work on defining gravity. Newton developed the universal law of gravitation, which states that two things will be attracted to one another and that the mass of each object will affect the amount of attraction. 			
Pulleys	A wheel with a grooved rim around that changes the direction of a force applied to the cord.				
Levers	A rigid bar resting on a pivot that is used to move a heavy or firmly fixed load.				
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).				





Upper K	ey Stage 2:	Forces
---------	-------------	--------

Upper K	ey Stage 2:	Forces
---------	-------------	--------

Upper Key Stage 2: Forces

Upper	кеу	Stage	2:	Forces	
-------	-----	-------	----	--------	--