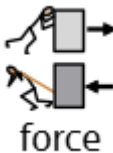




Year 5 Autumn 2 & Spring 1: Forces

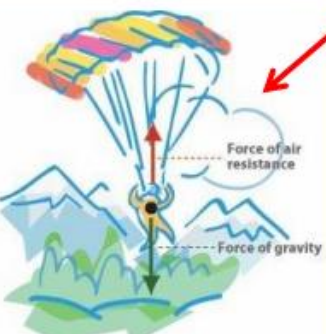
Lesson 1 Can I explain what gravity is?		Lesson 2 Can I explain the effects of air resistance?		Lesson 3 Can I explain the effects of water resistance		Lesson 4 Do I understand why frictions is important?		Lesson 5 Can I understand how mechanical devices can help us?	
 force	A push or pull on an object when it interacts with another object			 friction	The action of one surface or object rubbing against another		 gear	Toothed wheel that engages with another toothed wheel or with a rack to change the speed or direction of motion	
 mass	The quantity of an object			 levers	A rigid bar used to move something		 pulley	A wheel with a grooved rim in which a rope, chain, or belt can run to change the direction or point of application of a force applied to the rope.	
 water resistance	Water resistance is a type of friction caused when an object moves through water. The water pushes against the object moving as this is water which slows it down.								

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

