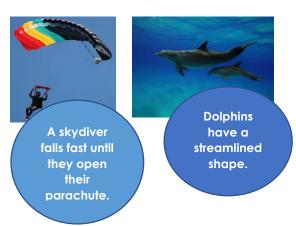
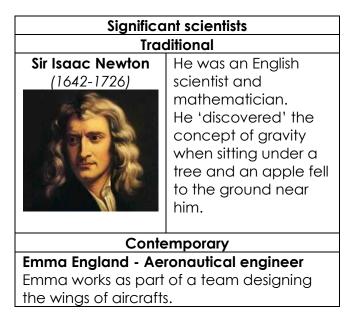


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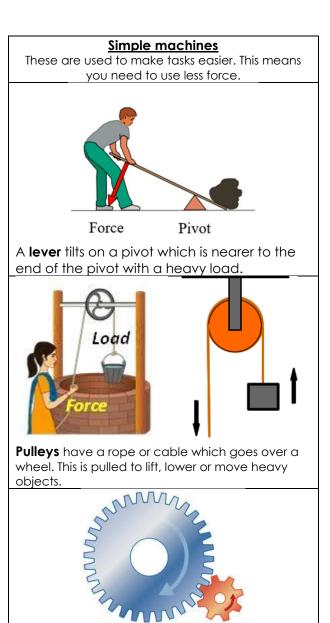
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Key vocabulary	
force	A force is a push or a pull. Forces
	make objects start moving, stop
	moving, speed up, slow down or
	change direction.
gravity	A force which pulls things down
	towards the centre of the Earth.
forcemeter	Piece of equipment used to
	measure the size of a force.
Newton (N)	The unit for measuring force.
air resistance	The force that slows down objects
	that move through air.
water	A force that slows down objects
resistance	moving through water.
friction	When one surface moves against
	another, the rubbing force that tries
	to stop them is called friction. It gives
	us grip.
thrust	A propelling force e.g. of a jet
	engine or rocket.
mechanisms	A device that allows a small force to
	be increased to a larger force.
simple	Levers, pulleys and gears are all
machines	types of simple machines.

Real-life examples of forces in action









Gears are toothed wheels which lock together

and turn each other to form simple machines.



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