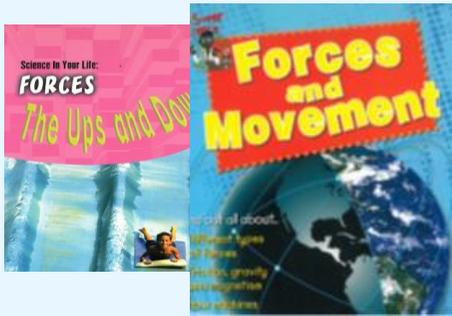


Year 5: Science – Forces and Magnets

Subject Specific Vocabulary		Memorable Image	Exciting Books
Balanced/ Unbalanced	A balanced force will cause no change to movement, direction or shape. An unbalanced force can cause these changes.		
Magnetic	The force of attraction or repulsion by certain metals.		
Weight	Unlike mass, weight is a measurement that is dependent upon where you are and upon gravity.	<h3>Sticky Assessment Knowledge</h3>	
Mass	Mass is the amount of matter an object is made up of. Mass is constant despite your location.		
Gravity	A force that pulls objects down.	<h3>Useful Websites</h3> <p>https://www.spacekids.co.uk/spacefood/</p> <p>https://vimeo.com/169320291</p>	
Friction	A force that occurs when two surfaces slide or try to slide over each other. Friction changes the speed of an object.		
Air Resistance	A type of friction between air and another surface. It can change the speed of an object.		
Water Resistance	A type of friction between water and another surface. It can change the speed of an object.		
Streamlined	Shaped to be able to move through water and air quicker and easier.	<h3>Misconceptions and Facts</h3> <ul style="list-style-type: none"> • Weight is measured with scales. • Newton discovered rather than 'invented' gravity. 	
Up thrust	The upwards force on something in water.		
Force	A push or a pull that causes a change in speed, direction or shape.		

