


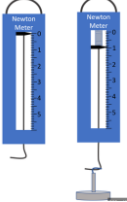

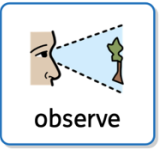
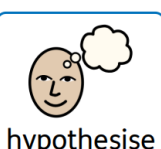
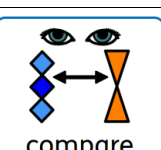

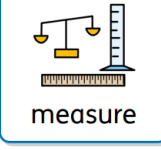
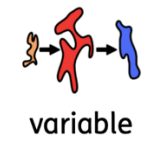


Topic	Forces and Magnets	Term	Autumn	Year Group	3
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Vocabulary	
forces	Pushes or pulls
friction	A force that acts between two surfaces or objects that are moving, or trying to move, across each other.
surface	The top layer of something.
magnet	An object, which produces a magnetic field, pulls certain objects towards it.
	
magnetic field	The area around a magnet where there is a magnetic force will pull magnetic objects towards the magnet.
poles	North and south poles are found at different ends of a magnet.
repel	Repulsion is a force that pushes objects away. For example when a north pole is placed next to the north pole of another magnet, the two poles repel (push away from each other).
	
attract	Attraction is a force that pulls objects together. For example, when the north pole is placed next to the south pole of another magnet, the two poles attract (pull together).
	
Newton Meter	A Newton meter is a piece of equipment that is used to measure the forces acting on an object. It is also known as a spring balance or spring scale
	

Concepts and Knowledge	
 analyse	To examine something in detail. Looking at lots of different movements and analysing the force being applied.
 observe	Noticing and paying close attention. Using careful observation skills to notice which force is being applied to an object.
 hypothesise	Having a good guess using information you already know. Making careful predictions about how friction may affect an objects movement.
 compare	To identify similarities and differences for results. Comparing different forces and surfaces to conclude a result.
 conclude	
 measure	Action of measuring using standard units. Using a Newton meter to measure the force acting on an object.
 variable	Something that can change. Noticing how two forces can be different to each other.