

Year 3 Forces and Magnets

Words I need to know for this topic:		By the end of this topic I should know how:
Force	A push or a pull on an object which can make it accelerate, slow down, remain still or change shape	To compare how things move on different surfaces
Accelerate	To move more quickly	To notice that some forces need contact between 2 objects, but magnetic forces can act at a distance
Push	To move an object away	To observe how magnets attract or repel each other and attract some materials and not others
Pull	To bring an object closer	To compare and group together everyday materials on the basis of whether they are attracted to a magnet
Friction	Two objects rubbing against each other to stop movement	To identify some magnetic materials
Magnet	A device that attracts magnetic material	To describe magnets as having 2 poles
Pole	Either of the two points of a magnet	To predict whether 2 magnets will attract or repel each other, depending on which poles are facing
Attract	To draw towards something	By the end of this topic I should be able:
Repel	To push away from something	To set up simple practical enquiries, comparative and fair tests
North	A pole on a magnet which attracts the south and repels another north pole	To make systematic and careful observations using notes and simple tables
South	A pole on a magnet which attracts the north and repels another south pole	To report on findings from enquiries, using relevant scientific language, including oral and written explanations, displays or presentations of results and conclusions
Our Scientist is:		To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
		To use straightforward scientific evidence to answer questions or to support their findings
		To use geographical vocabulary
		To recognise the eight points of a compass
		Anything else interesting I have learned:
Future learning: Year 5 Forces		