

	EYFS		KS1	LKS2
	Nursery and Reception		Year 1 and Year 2	Year 3 and Year 4
	3 - 4-year-olds	Reception	Blue = Year A Purple = Year B	Blue = Year A Purple = Year B
Forces and magnets Working scientifically	Show curiosity.			Identifying differences , similarities or changes related to simple scientific ideas and processes. Using straightforward scientific evidence to answer questions or to support their findings. Setting up simple practical enquiries, comparative and fair tests. Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions. Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions. Reporting on findings from enquiries, including oral and

				written explanations, displays or presentations of results and conclusions.
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Forces and Magnets	Explore and talk about the forces they can feel.			<p>Compare how things move on different surfaces.</p> <p>Notice that some forces need contact between two objects, but magnetic forces can act at a distance,</p> <p>Observe how magnets attract or repel each other and attract some materials and not others.</p> <p>Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.</p> <p>Describe magnets as having two poles.</p> <p>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</p>
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Vocabulary

**Push,
pull.**

**Talk like Sir Isaac
Newton**

**Magnetic, north pole,
south pole, attract,
repel, friction, force,
pull, push, air
resistance,
water resistance,
gravity, non-contact,
contact, iron, cobalt,
surface, streamlined,
motion, nickel.**