

# WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



*'Let your light shine' – Matthew 5:16*

Curriculum Planning Subject: **SCIENCE**

## Unit: FORCES+MAGNETS

Y1	Y2	Y3	Y4	Y5	Y6
-		YES	-	-	-

Year Group	YEAR 3
<b>Key Learning:</b> National Curriculum knowledge covered	<ul style="list-style-type: none"><li>• Compare how things move on different surfaces.</li><li>• Notice that some forces need contact between two objects, but magnetic forces can act at a distance.</li><li>• Observe how magnets attract or repel each other and attract some materials and not others.</li><li>• 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.</li><li>• Describe magnets as having two poles.</li></ul> <p>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</p>
<b>Other Key Learning</b>	

WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



*'Let your light shine' – Matthew 5:16*

Rational	
<b>Key Progressive Skills:</b> National Curriculum skills covered	<b>Work scientifically</b> by <b>comparing</b> how different things move and grouping them; raising questions and carrying out tests to find out how far things move on different surfaces and <b>gathering and recording data</b> to find answers to their questions; exploring the strengths of different magnets and finding a fair way to <b>compare</b> them; <b>sorting</b> materials into those that are magnetic and those that are not; looking for patterns in the way that magnets behave in relation to each other and what might affect this; identifying how these properties make magnets useful in everyday items and suggesting creative uses for different magnets.
<b>Key Vocabulary</b> National Curriculum and other	force push pull open surface magnet magnetic attract repel magnetic poles north south metal iron steel