

Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'

SUBJECT : Science

YEAR : A

TERM : Spring 1

YEAR GROUPS : 3/4

Key Question : Am I able to use the force? (magnetism)

Question	Vocabulary to Use	Information which will help me	Can I....?
What is a force?	Force, push, pull, friction, surface, magnet, magnetic, field, attract, repel, magnetic field, pole, north, south, compass, direction	<div data-bbox="772 391 1176 630"> <p><i>push and pull are opposite forces</i></p> </div> <div data-bbox="1243 462 1534 614"> </div> <div data-bbox="1534 399 1792 630"> </div> <div data-bbox="772 678 1232 973"> <p>Attract</p> <p>Repel</p> <p>Repel</p> </div> <div data-bbox="1467 686 1680 901"> </div> <div data-bbox="1176 989 1814 1364"> <p>These surfaces all exert a force on the bicycle. This force is called friction. Friction is a force that holds back the movement of an object. Friction acts in the opposite direction to the movement of the object.</p> </div>	<ul style="list-style-type: none"> • Identify forces as pushes and pulls. • Describe friction as a force that slows objects down. • Feel the pulling force of a magnet. • Sort materials according to whether they are magnetic or not. • Participate in an investigation into magnet strength. • Identify the different poles of a bar magnet. • Use a magnetic compass with four points. • Make a prediction. • Construct a bar chart on labelled axes. • Form a conclusion from my results.
How does friction affect the speed of movement?			
Can I sort materials into magnetic and non-magnetic?			
How strong can a magnet be?			
What are the magnetic poles?			
Can I create a game which uses magnetic forces?			