

<u>Nursery</u>	<u>Reception</u>	<u>Year 1</u>
<u>Year 2</u>	 Westglade Primary School Grow, discover & blossom <u>Science Knowledge Path (Forces and Magnets)</u>	<u>Year 3</u> • Know that some forces need contact between two objects, but magnetic forces can act at a distance • Know magnets can attract or repel each other and attract some materials and not others
<u>Year 4</u>	<u>Year 5</u> • Know unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object • Air resistance decreases the rate of acceleration by counteracting the force of gravity. • Water resistance slows an object down when it is moving through it. • Friction slows things down and stops stationary things from moving.	<u>Year 6</u>

- | | | |
|--|--|--|
| | <ul style="list-style-type: none">• Know that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. (D&T link) | |
|--|--|--|