



## Forces and Magnets – Physics

<b>Pre learning assessment</b>	<ul style="list-style-type: none"><li>• Complete pre learning assessment</li><li>• Look at new knowledge organiser</li></ul>
<b>Lesson 1</b>	<ul style="list-style-type: none"><li>• Notice that some forces need contact between two objects by identifying the different types of forces acting on objects</li></ul>
<b>Lesson 2</b>	<ul style="list-style-type: none"><li>• Compare how things move on different surfaces by investigating the speed of a toy car over different surfaces Use results from comparative test to record data and present findings.</li></ul>
<b>Lesson 3</b>	<ul style="list-style-type: none"><li>• Notice that magnetic forces can act at a distance and attract some materials and not others by sorting materials. Compare and group materials according to whether they are magnetic by sorting materials.</li></ul>
<b>Lesson 4</b>	<ul style="list-style-type: none"><li>• Observe how magnets attract or repel each other and attract some materials and not others. Investigate and compare the strength of magnets making systematic and careful observations.</li></ul>
<b>Lesson 5</b>	<ul style="list-style-type: none"><li>• Describe magnets as having two poles and to predict whether two magnets will attract or repel each other, depending on which poles are facing. Set up simple practical enquiries, recording findings and use results to draw simple conclusions.</li></ul>
<b>Lesson 6</b>	<ul style="list-style-type: none"><li>• To observe how magnets attract or repel each other and attract some materials and not others. Use results to draw conclusions and make further predictions</li></ul>
<b>Post learning assessment</b>	<ul style="list-style-type: none"><li>• <i>Complete post learning task</i></li></ul>