



English Progression  
Writing Expectation History  
Mathematics Science PE Languages  
Art Geography DT Computing Differentiation  
Progression Expectation **National Curriculum**  
Languages English Writing Progression  
Differentiation Science Art  
Mathematics Expectation

**Progression in the new National Curriculum**

Unit:		Y1	Y2	Y3	Y4	Y5	Y6
Forces and magnets		-	-	Yes	-	Yes	-
Year 3		Year 5					
<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> <li>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</li> </ul>		<ul style="list-style-type: none"> <li>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</li> <li>Identify the effects of air resistance, water resistance and friction that act between moving surfaces.</li> <li>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have greater effect.</li> </ul>					

