



## Curriculum Plans – Key Stage 3 Physics

Please find below a detailed outline of the curriculum covered in Physics through Year 8 in Key Stage 3.

### Year 8

Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7
<b>Forces</b> (Unit 4) <ul style="list-style-type: none"> <li>• Speed</li> <li>• Taking accurate measurements</li> <li>• Distance-time graphs</li> <li>• Acceleration and speed-time graphs</li> <li>• Velocity</li> <li>• Acceleration</li> <li>• Presenting results in tables and graphs</li> </ul>	<b>Sound</b> (Unit 5) <ul style="list-style-type: none"> <li>• Sound, vibrations, and energy transfer</li> <li>• Detecting sounds</li> <li>• Loudness and the decibel scale</li> <li>• Loudness, amplitude, and oscilloscopes</li> <li>• Pitch and frequency</li> <li>• Echoes</li> </ul>	<b>Light</b> (Unit 6) <ul style="list-style-type: none"> <li>• What is light?</li> <li>• How do we see things?</li> <li>• Reflection</li> <li>• Making measurements: laws of reflection</li> </ul>	<b>Light</b> (Unit 6) <ul style="list-style-type: none"> <li>• Refraction: air and water</li> <li>• Refraction: air and gas</li> <li>• Dispersion</li> <li>• Colour</li> <li>• Presenting conclusions: more on colour</li> <li>• Lasers</li> </ul>	<b>Magnetism</b> (Unit 7) <ul style="list-style-type: none"> <li>• The properties of magnets</li> <li>• Magnetic fields</li> <li>• Electromagnets</li> <li>• Identifying and controlling variables</li> <li>• Using electromagnets</li> </ul>	<b>Revision</b>  <b>Retrieval</b>	<b>Project Work</b>
End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Year Assessment	Skills-based assessment
		Data for Autumn Report		Data for Spring Report		
<b>Autumn</b>			<b>Spring</b>		<b>Summer</b>	