



Please find below a detailed outline of the curriculum covered in Physics through Year 9 in Key Stage 3.

### Year 9

Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7
<b>Forces (Unit 8)</b> <ul style="list-style-type: none"> <li>• Revision</li> <li>• Pressure</li> <li>• The effects of pressure</li> <li>• Pressure in liquids</li> <li>• Using pressure in liquids</li> <li>• Pressure in gases</li> </ul>	<b>Forces (Unit 8)</b> <ul style="list-style-type: none"> <li>• Density</li> <li>• Explaining density</li> <li>• Levers</li> <li>• Calculating moments</li> </ul>	<b>Electricity (Unit 9)</b> <ul style="list-style-type: none"> <li>• Electrostatic phenomena</li> <li>• Dangers of electrostatic phenomena</li> <li>• Digital sensors</li> <li>• Electric circuits</li> <li>• Current</li> <li>• Parallel circuits</li> <li>• Models of electric circuits</li> <li>• How components affect the current</li> <li>• Voltage</li> <li>• Energy and power</li> </ul>	<b>Energy (Unit 10)</b> <ul style="list-style-type: none"> <li>• Hot and cold</li> <li>• Conduction</li> <li>• Convection</li> <li>• Radiation</li> <li>• Cooling by evaporation</li> <li>• The world's energy needs</li> <li>• Fossil fuels</li> <li>• Generating electricity</li> <li>• Renewable energy sources</li> <li>• Energy for the future</li> </ul>	<b>Revision</b>  <b>Checkpoint Exam</b>  <b>Review</b>	<b>Measurements and Units (Unit 1 - IGCSE)</b> <ul style="list-style-type: none"> <li>• Numbers and units</li> <li>• A system of units</li> <li>• Measuring length and time</li> <li>• Volume and density</li> <li>• Mass and density</li> </ul> <b>Forces and Motion (Unit 2 - IGCSE)</b> <ul style="list-style-type: none"> <li>• Speed, velocity and acceleration</li> <li>• Motion graphs</li> <li>• Recording motion</li> </ul>	<b>Forces and Motion (Unit 2 - IGCSE)</b> <ul style="list-style-type: none"> <li>• Freefall</li> <li>• Forces in balance</li> <li>• Force, mass and acceleration</li> <li>• Friction</li> <li>• Force, weight and gravity</li> <li>• Action and reaction</li> <li>• Momentum</li> <li>• Vectors</li> <li>• Moving in circles</li> </ul>
End of block quiz	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Key Stage Assessment	End of Unit Assessment	End of Unit Assessment
		Data for Autumn Report		Data for Spring Report		
<b>Autumn</b>			<b>Spring</b>		<b>Summer</b>	