

**English Martyrs' Physics Curriculum Map 2022-23**

<b>Focus</b>	<b>Autumn One</b>	<b>Autumn Two</b>	<b>Spring One</b>	<b>Spring Two</b>	<b>Summer One</b>	<b>Summer Two</b>
<b>Year 7</b> KS3 National Curriculum	Introduction to Secondary Science Electricity	Electricity Energy	Energy Introduction to Forces	Forces Further Forces	Forces Space	Space
<b>Year 8</b> KS3 National Curriculum	Heating and Cooling	Magnets and Electromagnets	Pressure and Levers	Pressure and Levers Light	Light Sound	Sound
<b>Year 9</b> Introduction to GCSE	HSW – practical planning P1 – Energy	P1 – Energy P2 – Electricity	P2 – Electricity	P2 – Electricity	P3 – Particle Model	P3 – Particle Model of Matter
<b>Year 10</b> GCSE	P4 – Atomic Structure	P4 – Atomic Structure P6 – Waves	P6 – Waves	P6 – Waves Revision for paper 1	P8 - Space Or Combined Revision	P8 - Space Or Combined Revision
<b>Year 11</b> GCSE	P5 – Forces	P5 – Forces	P5 - Forces	P7 –Magnetism and electromagnetics Revision	Revision	GCSE exams
<b>Year 12</b> AS	2.1 - Foundations of physics 3.1 - Motion 4.1 - Charge and current 4.2 - Energy, Power and resistance	3.2 - Forces in action 4.3 - Electrical circuits	3.3 - Work, energy and power 3.4 - Materials 4.4 - Waves	3.5 - Newton's laws of motion 4.5 - Quantum Physics	Revision	AS exam
<b>Year 13</b> A2	5.1 - Thermal Physics 5.2 - Circular Motion 5.4 - Gravitational fields 5.5 - Astrophysics and cosmology	5.3 - Oscillations 6.1 - Capacitors 6.2 - Electric fields 6.3 - Electromagnetism	6.4 - Nuclear and particle physics 6.5 - Medical imaging	Revision	Revision	A Level exams