





<b>Year 7 cohort 1</b>	<p>Cells and Tissues<sup>M</sup> <span style="background-color: green; color: black;">BV</span></p> <p>OurTRAIT</p>	<p>Particles</p> <p>Energy<sup>M</sup></p> <p>OurTRAIT</p>	<p>Interdependence</p> <p>Digestive system (lockdown)<sup>PD</sup></p> <p>OurTRAIT</p>	<p>Universe (lockdown)</p> <p>Chemistry fundamentals -Periodic table</p> <p>OurTRAIT</p>	<p>Acids and Alkali Forces<sup>MP D</sup></p> <p>OurTRAIT</p>	<p>Reproduction <span style="background-color: green; color: black;">BV</span></p> <p>Waves<sup>M Mu</sup></p> <p>OurTRAIT</p>
<b>Year 8 Cohort 1</b>	<p>Electricity<sup>D</sup></p> <p>Magnetism</p> <p>Elements, Compounds and Mixtures</p> <p>OurTRAIT</p>	<p>Respiration<sup>P</sup></p> <p>Fit and healthy<sup>P</sup> (BV)</p> <p>OurTRAIT</p>	<p>Fuels and Combustion</p> <p>OurTRAIT</p>	<p>Waves<sup>M Mu</sup></p> <p>Variation and Inheritance <span style="background-color: green; color: black;">BV</span></p> <p>OurTRAIT</p>	<p>Earth Science<sup>G</sup> (atmosphere, climate change)</p> <p>Heating and Cooling</p> <p>OurTRAIT</p>	<p>Forces II<sup>M</sup></p> <p>Photosynthesis</p> <p>OurTRAIT</p>



SCIENCE LEARNING JOURNEY

<p><b>Year 9</b></p>	<p>Cells and organisation<sup>M P D</sup></p> <p>OuRTRAIT</p>	<p>Chemical change</p> <p>OuRTRAIT</p>	<p>Energy<sup>M</sup> <b>EV</b></p> <p>OuRTRAIT</p>	<p>Physical change</p> <p>OuRTRAIT</p>	<p>Ecology<sup>M</sup> <b>EV</b></p> <p>OuRTRAIT</p>	<p>Waves<sup>M G</sup></p> <p>OuRTRAIT</p>
<p><b>Year 10</b></p>	<p>Homeostasis and response, Bioenergetics</p> <p>OuRTRAIT</p>	<p>Bonding</p> <p>OuRTRAIT</p>	<p>Electricity<sup>M</sup>, Magnetism and electromagnets<sup>G</sup></p> <p>OuRTRAIT</p>	<p>Infection and responses<sup>H</sup></p> <p>OuRTRAIT</p>	<p>Chemistry of the atmosphere.<sup>G</sup></p> <p>Using resources<sup>G</sup></p> <p>OuRTRAIT</p>	<p>Forces<sup>M</sup></p> <p>OuRTRAIT</p>
<p><b>Year 11</b></p>	<p>Inheritance, variation and evolution<sup>PSHE</sup> <b>EV</b></p> <p>OuRTRAIT</p>	<p>Energy changes, Rates of chemical change<sup>D</sup>, Quantitative chemistry<sup>M</sup></p> <p>OuRTRAIT</p>	<p>Particle model of matter<sup>H</sup></p> <p>Atomic structure</p> <p>OuRTRAIT</p>	<p>External Assessment Preparation</p>	<p>External Assessment</p>	

## KEY

\*<sup>M</sup> Link with Mathematics      \*<sup>P</sup> Link with Physical Education      \*<sup>G</sup> Link with Geography      \*<sup>H</sup> Link with History\*depending on GCSE curriculum      \*<sup>D</sup> Link with Design and Technology      \*<sup>pshe</sup> Link with PSHE      \*<sup>Mu</sup> Link with Music

**(BV)** Link to British Values

OuR**T**RAIT - Respect

OuR**T**RAIT – Anti-discrimination

OuR**T**RAIT - Resilience

OuR**T**RAIT - Ambition

OuR**T**RAIT - Integrity

OuR**T**RAIT - Teamwork