

Year Group	Intent/Rationale	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	<p>Pupils in year 7 will firstly be baselined in science.</p> <p>Once baselined pupils will begin to work through an ability appropriate topic within science.</p> <p>Throughout the year pupils will be developing subject knowledge and their ability to work scientifically.</p> <p>Science will also include lots of cross-curricular opportunities particularly Maths, English and Food Technology.</p>	Materials	Plants	Light	<i>Animal and human life cycle</i>	Forces and motions	My science project – working scientifically
Year 8	<p>In year 8 pupils move on from early scientific concepts and begin to explore these areas in greater depth.</p> <p>Pupils will continue to develop scientific skills and begin analysing an explaining scientific changes.</p> <p>Science will continue to include lots of cross-curricular opportunities particularly Maths, English and Food Technology.</p>	Changing Materials	Living things and habitats	Sound	My body – Skeletons and muscles	Earth and beyond	Variation and classification
Year 9	<p>In year 9 pupils will use the subject knowledge they have learned and begin to apply this to more complex topics. Pupils will begin to take part in scientific investigations and experiments.</p> <p>Pupils will year 9 will develop the skills to enable them to access the KS4 curriculum which will include more functional science and more complex investigations.</p>	Separating Materials	Living things and Adaptations	Electricity	My body - Organs	Magnetism	Chemical reactions
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Year 10	<p>Science in KS4 will focus on pupils applying the subject knowledge learned in KS3 to a more functional KS4 Science curriculum.</p> <p>The focus will be on working Scientifically, conducting investigations, understanding my body and learning about the world around me.</p>	My body - Bones and muscles	World around me - Living things and habitats	Investigations - Forces	My body – Heart and lungs	World around me - Plants	Investigations - Materials

	Modules covered in year 10 will contribute towards a Science and me High Point certificate at the end of year 11.						
Year 11	<p>Science in KS4 will focus on pupils applying the subject knowledge learned in KS3 to a more functional KS4 Science curriculum.</p> <p>The focus will be on working Scientifically, conducting investigations, understanding my body and learning about the world around me.</p> <p>Modules covered in year 11 will contribute towards a Science and me High Point certificate at the end of KS4.</p>	My body Digestive system	World around me Living things- food chains	Investigations - Magnetism	My body – Health and exercise	World around me Light and sound	Investigations Chemical reactions