

Department/ Subject: Science Key Stage: 3/4

Staff: LP

Intent	Implementation	Impact
<p><b>KS3:</b> Students will be taught all of the key scientific concepts as outlined by the National Strategy during KS3. Prior knowledge from KS2 will be built upon with skills and knowledge instilled throughout KS3 to prepare each pupil for KS4 curriculum.</p> <p>There is a strong emphasis on practical skills and developing science thinking alongside knowledge. The aims of KS3 are to develop confident scientists who are adaptable and have a desire to acquire new knowledge and apply it to everyday life. .</p> <p><b>KS4:</b> To enhance the knowledge already gained from KS3 and prepare pupils further by embedding knowledge and key skills, allowing them to be successful in terms of outcomes during KS4. The AQA specification will be followed closely but continually related to a context where appropriate with pupils encouraged to apply</p>	<p><b>KS3:</b> Each year groups has the following number of lessons per fortnight; Year 7 - 8 x 50 min lessons Year 8 - 8 x 50 min lessons Year 9 - 9 x 50 min lessons</p> <p>The KS3 curriculum is split into the following topics; Year 7 Forces Cells Particles (Chemistry) Reproduction Substances Space Atoms, Elements and Compounds Body Systems</p> <p>Year 8 Energy Materials Ecosystems Respiration</p>	<p><b>KS3:</b> Year 7 92% of students are making above or expected progress. 96% of Pupil Premium students are making above or expected progress. 91% of SEN students are making above or expected progress.</p> <p>Year 8 78% of students are making above or expected progress. 84% of Pupil Premium students are making above or expected progress. 100% of SEN students are making above or expected progress.</p> <p>Year 9 87% of students are making above or expected progress. 78% of Pupil Premium students are making above or expected progress. 78% of SEN students are making above or</p>

<p>their knowledge and form their own opinions and ideas.</p>	<p>Periodic table Waves Earth and Atmosphere Health Motion</p> <p>Year 9 Electricity and Magnetism Genetics How Science Works</p> <p>Year 9's begin their KS4 curriculum at the beginning of their Spring term.</p> <p>Each topic is supported by medium and short term plans with a large variety of differentiated resources provided to allow all student to access tasks and make progress.</p> <p>Formative assessment takes place regularly with pupils given comprehensive feedback via marking of work. Pupils are requested to improve their work with green pen as a key element of this process.</p> <p>Summative assessment takes place at the end of every term with a test which analyses their knowledge across the topic taught during the term.</p> <p><b>KS4</b></p> <p>The majority of pupils at St Dunstan's follow the AQA Combined Science Trilogy Specification, with a small number following the AQA separate Science pathway.</p>	<p>expected progress.</p> <p><b>KS4</b></p> <p>Attainment 7.1% of students obtained GCSE grades 9-7 36.5% of students obtained GCSE grades 9-5 60% of students obtained GCSE grades 9-4</p>
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