

Computing – Key Stage 3 Vocational Long Term Plan

Year	Term 1	Term 2	Term 3
2019 - 2020	<p><u>Vocational Curriculum</u> The School Network and file management.</p> <p>Computer Networks and the Internet.</p> <p>E-Safety/Digital Literacy.</p> <p>Students will use different software(s) to complete E-Safety/Digital Literacy activities.</p>	<p><u>Vocational Curriculum</u> Animation (using PowerPoint, Serif Draw Plus, I Can Animate). Pupils will complete a creative project using/combining different software/devices.</p> <p>E-Safety.</p> <p>Programming/Algorithms (using Python: An Introduction).</p>	<p><u>Vocational Curriculum</u> Representing Data (images, sound, text).</p> <p>Photoshop.</p> <p>Programming and algorithms (block coding and creating computer games).</p>
2020 - 2021	<p><u>Vocational Curriculum</u> The school network and file management.</p> <p>Computer Hardware/Software.</p> <p>Binary Numbers.</p> <p>Internet Searching, selection and storing of information (to include Digital Literacy).</p>	<p><u>Vocational Curriculum</u> Sorting and Searching Algorithms.</p> <p>Programming/Algorithms (Python: Drawing/Numbers)</p> <p>E-Safety.</p>	<p><u>Vocational Curriculum</u> Computational thinking.</p> <p>Programming and algorithms (HTML).</p> <p>Audacity (sound and podcasting linked to Internet Safety).</p>
2021 - 2022	<p><u>Vocational Curriculum</u> The school network and file management.</p> <p>E-Safety updates/re-cap.</p> <p>Theme Park Project: Creating different documents using different software(s) (poster, letter, spreadsheet, leaflet and PowerPoint).</p>	<p><u>Vocational Curriculum</u> Flow Charts.</p> <p>Programming/Algorithms (Block Coding/Scratch).</p> <p>Digital Literacy/E-Safety.</p>	<p><u>Vocational Curriculum</u> Planning, creating and evaluating a multi-page website (will contain images, text, hyperlinks and coding).</p> <p>E-Safety/Age Appropriate video games .</p>