



Subject ICT: Medium Term Plan

KS4

	Year 10	Year 11
Autumn Term 1 st half	<p>Begin GCSE Computing Course Begin BTEC Course</p> <p>(Computer Science)</p> <ul style="list-style-type: none"> • Introduction to course • Revision of Knowledge gained in KS3 • How this will apply in KS4 • Python Practice <p>(BTEC Digital Information Technology)</p> <ul style="list-style-type: none"> • Hackers • Security • Data <p>Begin Entry Level Digital Functional Skills</p> <p>Topics:</p> <p>Entry Level tasks 1 - 4</p>	<p>Switch to BTEC Digital Information Technology</p> <p>Component 1 work on Exploring User Interface Design Principles and Project Planning Techniques</p> <p>Practice tasks appropriate to final preparation for online Entry Level assessment in Digital Functional Skills. Seasonal Tasks as appropriate</p>
Autumn Term 2 nd half	<p>Continue GCSE Computing</p> <ul style="list-style-type: none"> • Networks • Firewalls • Protocols • Further Python Practice <p>Continue BTEC D.I.T.</p> <ul style="list-style-type: none"> • Graphical User Interface • Design Plans <p>Digital Functional Skills</p> <p>Entry Level Tasks 5 -8</p>	<p>Continue BTEC D.I.T</p> <p>Component 1 completion for Controlled assessment</p> <p>Begin Component 2 work on controlled assessment Collecting, Presenting and Interpreting Data</p> <p>End of term Mock BTEC D.I.T. Component 3</p> <p>Practice tasks appropriate to final preparation for online Entry Level assessment in Digital Functional Skills. Seasonal Tasks as appropriate</p>

<p>Spring Term 1st half</p>	<p>Continue GCSE Computing</p> <ul style="list-style-type: none"> • Computer Languages • Data Compression • Mnemonics • Software Security <p>Continue BTEC D.I.T.</p> <ul style="list-style-type: none"> • Environmental and Technological Issues • Using Email 	<p>Continue BTEC D.I.T</p> <ul style="list-style-type: none"> • Complete Component 2 controlled assessment • Past Exam paper work on Component 3 <p>Mock exam in class end of Half Term</p>
<p>Spring Term 2nd half</p>	<p>Continue GCSE Computing</p> <ul style="list-style-type: none"> • Binary • Pixels • Bitmap <p>Continue BTEC D.I.T.</p> <ul style="list-style-type: none"> • Flowcharts • Cookies • Virus and Malware <p>Digital Functional Skills</p> <p>Entry Level 9 - 12</p>	<p>Continue BTEC D.I.T</p> <ul style="list-style-type: none"> • Ensure that all controlled assessment work is completed for submission on 15th May 2026 • Revision for Component 3 exam <p>Potential for final Entry Level Digital Functional Skills assessment</p>
<p>Summer Term 1st half</p>	<p>Continue GCSE Computing</p> <ul style="list-style-type: none"> • Data Storage • Backup • Personal Data and Restrictions • Computational Thinking <p>Continue BTEC D.I.T.</p> <ul style="list-style-type: none"> • Preparation with tasks on Component 1 and Component 2 to practice for controlled assessment in Year 11 <p>Digital Functional Skills</p> <p>Entry Level Tasks 13-16 plus further task practice as appropriate.</p>	<p>Revision and completion of BTEC Digital Information Technology exam</p> <ul style="list-style-type: none"> • Past paper work and questions to cement knowledge • Submission of controlled assessments by 15th May 2026 <p>Entry Level Digital Functional Skills assessment</p>

<p>Summer Term</p> <p>2nd half</p>	<p>Continue GCSE Computing</p> <ul style="list-style-type: none"> • Revision of Topics for Mock in Paper 1 <p>Continue BTEC D.I.T.</p> <ul style="list-style-type: none"> • Revision of Topics for Component 3 Mock <p>Mock Exam in class July 2026</p> <p>Opportunity to submit Entry Level Qualifications if appropriate for some learners</p>	<p>Project work as and when Suitable</p> <p>Opportunity to submit Entry Level Qualifications if appropriate for some learners</p>
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