



## KS4 ICT - Curriculum Map

|              | H (y10TG EL3+)   | M (y10TG EL2)  | L (y10TG EL1)  |
|--------------|--|--|--|
| Autumn<br>10 | <p><b>September – E-Safety</b><br/>Students recap and extend E-Safety Knowledge, skills and understanding from KS3, with particular reference to managing personal risk on and offline</p>   | <p><b>September – E-Safety</b><br/>Students recap and consolidate E-Safety Knowledge, skills and understanding from KS3, with particular reference to managing personal risk on and offline</p>  | <p><b>September – E-Safety</b><br/>Students recap and consolidate E-Safety Knowledge, skills and understanding from KS3, with particular reference to managing personal risk on and offline</p>  |
|              | <p><b>R441 OCR Entry Level Main Task Skills Building</b><br/>Students will develop and demonstrate a variety of skills including:</p> <ul style="list-style-type: none"> <li>• Researching using the Internet and other sources</li> <li>• Identifying and adhering to safe working practices</li> <li>• Planning including but not limited to time planning, resource selection including hardware and software, and document design</li> <li>• Demonstrating effective practical use of ICT software tools to present information and communicate electronically</li> <li>• Evaluation of completed work in context of audience and purpose</li> </ul> <p><b>R441 OCR Entry Level Main Task Completion</b><br/>Students are expected to demonstrate the skills listed above by completing a project with a work-related scenario. They will produce one of: a workplace safety presentation, a promotional booklet, or another relevant multipage document such as a menu or price list.</p> | <p><b>R441 OCR Entry Level Main Task Skills Building</b><br/>Students will develop a variety of skills including:</p> <ul style="list-style-type: none"> <li>• Researching using the Internet</li> <li>• Identifying and adhering to safe working practices</li> <li>• Planning including but not limited to resource selection and document design</li> <li>• Demonstrating practical use of ICT software tools to present information and communicate electronically</li> <li>• Making evaluative comments on their work.</li> </ul> <p><b>R441 OCR Entry Level Main Task Development</b><br/>Students are expected to demonstrate, with help and limited guidance, the skills listed above by completing a project with a work-related scenario. They will produce one of: an informational presentation, a promotional booklet, or another relevant multipage document such as a menu or price list.</p>   | <p><b>R441 OCR Entry Level Main Task Skills Building</b><br/>Students will begin to develop skills including:</p> <ul style="list-style-type: none"> <li>• Researching using the Internet</li> <li>• Identifying and adhering to safe working practices</li> <li>• Planning including but not limited to document design</li> <li>• Demonstrating some practical use of ICT software tools to present information and communicate electronically</li> <li>• Identifying good and bad points in their work.</li> </ul> <p><b>R441 OCR Entry Level Main Task Development</b><br/>Students are expected to demonstrate, with help and direct guidance, the skills listed above by completing a project which may be based around a workplace scenario or an area of pupil interest. They will produce one of: an informational presentation, a promotional booklet, or another relevant multipage document such as a menu or price list.</p>                            |
| Spring 10    | <p>Students may also spend some time completing Main Task if required and if time allows</p> <p><b>R441 OCR Entry Level Short Tasks (Spring 1 &amp; 2, Summer 1)</b><br/>Students are expected to demonstrate a variety of skills including:</p> <ul style="list-style-type: none"> <li>• Reviewing existing examples of relevant and suitable products</li> <li>• Planning including but not limited to time planning, hardware and software selection, and document design</li> <li>• Demonstrating effective practical use of ICT software tools to work to a given brief and complete planned work</li> </ul> <p>Evaluation of completed work in context of a brief.</p>   | <p><b>R441 OCR Entry Level Main Task Completion</b><br/>Students are expected to demonstrate a variety of skills including:</p> <ul style="list-style-type: none"> <li>• Researching using the Internet and other sources</li> <li>• Identifying and adhering to safe working practices</li> <li>• Planning including but not limited to time planning, hardware and software selection, and document design</li> <li>• Demonstrating practical use of ICT software tools to present information and communicate electronically</li> <li>• Evaluation of completed work.</li> </ul> <p><b>R441 OCR Entry Level Short Tasks (Spring 2)</b><br/>Students are expected to demonstrate, with help and direct guidance, a variety of skills including:</p> <ul style="list-style-type: none"> <li>• Reviewing existing examples of products</li> <li>• Planning including but not limited to time planning, resource selection including hardware and software, and document design</li> <li>• Demonstrating practical use of ICT software tools to work to a given brief</li> <li>• Evaluation of completed work.</li> </ul> | <p><b>R441 OCR Entry Level Main Task Completion</b><br/>Students will begin to demonstrate skills including:</p> <ul style="list-style-type: none"> <li>• Researching using the Internet</li> <li>• Identifying and adhering to safe working practices</li> <li>• Planning including but not limited to document design</li> <li>• Demonstrating some practical use of ICT software tools to present information and communicate electronically</li> <li>• Identifying good and bad points in their work.</li> </ul> <p><b>R441 OCR Entry Level Short Tasks (Spring 2)</b><br/>Students will begin to develop skills including:</p> <ul style="list-style-type: none"> <li>• Commenting on existing examples of products</li> <li>• Planning including but not limited to resource selection and product design</li> <li>• Demonstrating practical use of ICT software tools to work to a given brief</li> <li>• Making evaluative comments on their work</li> </ul> |

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|----------------------|---|--|--|
| <b>Summer<br/>10</b> | <p>Students in this band are expected to have completed R441 to TG by end of Summer 1. Summer 2 to be set aside for any catch-up work required to complete EL work and for students who have completed to TG to build Computer Science knowledge, skills and understanding.</p> <p>Students will learn to:</p> <ul style="list-style-type: none"> <li>identify the programming requirements needed to solve a straightforward task and apply their knowledge and understanding to produce an appropriate solution (complexity)</li> <li>apply their knowledge and skills within a non-routine but familiar context (familiarity)</li> <li>apply a range of techniques in a number of contexts, using text and graphic based programming tools to produce an appropriate outcome (technical demand)</li> <li>solve problems that are essentially tutor guided, demonstrating the confidence to make informed choices and knowing when to seek guidance (independence).</li> </ul>  | <p><b>R441 OCR Entry Level Short Tasks (Summer 1 &amp; 2)</b><br/>Students are expected to demonstrate, with guidance and limited support, a variety of skills including:</p> <ul style="list-style-type: none"> <li>Reviewing existing examples of products</li> <li>Planning including but not limited to time planning, resource selection including hardware and software, and document design</li> <li>Demonstrating practical use of ICT software tools to work to a given brief</li> <li>Evaluation of completed work.</li> </ul> <p><b>Focus in Summer 2 to be to complete EL work and for students who have already completed to TG to improve work to EL3 standard. Students who have completed R441 tasks to EL3 to begin Computer Science projects as outlined in H band.</b></p>  | <p><b>R441 OCR Entry Level Short Tasks (Summer 1 &amp; 2)</b><br/>Students are expected to demonstrate, with support, a variety of skills including:</p> <ul style="list-style-type: none"> <li>Reviewing existing examples of products</li> <li>Planning including but not limited to resource selection and product design</li> <li>Demonstrating practical use of ICT software tools to work to a given brief and complete planned work</li> <li>Evaluation of completed work in context of a brief.</li> </ul> <p><b>Students who complete tasks to TG ahead of schedule to be given opportunity to revisit to bring up to EL2+</b></p>  |
| <b>Autumn<br/>11</b> | <p>Students who have completed R441 tasks to TG to broaden and deepen Computer Science and ICT knowledge, skills and understanding by completing additional projects using skills not linked to previously completed Short Tasks. This will also continue through Spring with tasks linked to workplace scenarios determined by pupil choice.</p> <p>Students will show, with some support, their ability to:</p> <ul style="list-style-type: none"> <li>identify the ICT requirements needed to solve a straightforward task and apply their knowledge and understanding to produce an appropriate solution</li> <li>apply their knowledge and skills within a non-routine but familiar context</li> <li>apply a range of techniques in a number of applications to produce an appropriate outcome</li> <li>solve problems with increasing independence</li> </ul> <p><b>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</b><br/><b>Students showing particularly high levels of skill and independence may be invited to prepare for ECDL.</b></p> | <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students who have completed R441 tasks to TG may choose to revisit tasks to improve coursework to EL3.</p> <p>Students who have completed to TG or to EL3 to broaden and deepen Computer Science and ICT knowledge, skills and understanding by completing additional projects using skills not linked to previously completed Short Tasks. This will also continue through Spring with tasks linked to workplace scenarios determined by pupil choice.</p> <p>Students will show, with some support, their ability to:</p> <ul style="list-style-type: none"> <li>identify the ICT requirements needed to solve a straightforward task and apply their knowledge and understanding to produce an appropriate solution</li> <li>apply their knowledge and skills within a non-routine but familiar context</li> <li>apply a range of techniques in a number of applications to produce an appropriate outcome</li> <li>solve problems with increasing independence</li> </ul> <p><b>Students showing particularly high levels of skill and independence may be invited to prepare for ECDL.</b></p> | <p>Students who have completed R441 tasks to EL2+ to begin additional Computer Science projects (See Summer 10, H Strand for details)</p> <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students who have already completed R441 tasks to EL2+ to begin/continue additional Computer Science projects (See Summer 10, H Strand for details)</p> <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students who complete tasks to TG to be given opportunity to revisit to bring up to EL2+</p> |
| <b>Spring 11</b>     | <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students showing particularly high levels of skill and independence may be invited to prepare for ECDL.</p>  | <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students who complete tasks to TG to be given opportunity to revisit to bring up to EL2+</p>  | <p>Students yet to complete to TG to revisit tasks – some may have to produce outcomes for different Short Task Strands or Main Task Options.</p> <p>Students who complete tasks to TG to be given opportunity to revisit to bring up to EL2+</p>  |
| <b>Summer<br/>11</b> | <p>Final ECDL exam preparation and revision for students taking the qualification.<br/>ICT skills for life – CV writing, job searching, major e-safety recap.<br/>Students who have selected ICT/iMedia as a post-16 option may begin building their skills for this qualification.</p>   |  |  |