



Key Stage 5: Year 13

Cambridge Technical Introductory Diploma in IT Level 3

Term	Topic	Covered in lessons	Intent
HT1	Unit 17 The Internet of Everything	Understand: <ul style="list-style-type: none"><li>• What is meant by the Internet of Everything (IoE)</li><li>• Be able to repurpose technologies to extend the scope of the IoE</li><li>• Present concept ideas for repurposed developments</li></ul>	Students learn about interconnectivity and being able to link people, data and devices using a range of networks and communication channels to provide new ways of working, thinking and learning.  Students will understand the current Internet of Everything, to see new opportunities for using technology across a range of areas and present their ideas to those who can make it happen.
HT2	Unit 17 The Internet of Everything	Understand: <ul style="list-style-type: none"><li>• What is meant by the Internet of Everything (IoE)</li><li>• Be able to repurpose technologies to extend the scope of the IoE</li><li>• Present concept ideas for repurposed developments</li></ul>	Students learn about interconnectivity and being able to link people, data and devices using a range of networks and communication channels to provide new ways of working, thinking and learning.  Students will understand the current Internet of Everything, to see new opportunities for using technology across a range of areas and present their ideas to those who can make it happen.
	Revision for January Exam on Exam units for January exam series	Revision tasks Past paper practice	



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HT3	Unit 6 – Application design	<ul style="list-style-type: none"><li>• Understand how applications are designed</li><li>• Be able to investigate potential solutions for application developments</li><li>• Be able to generate designs for application solutions</li><li>• Be able to present application solutions to meet client and user requirements</li></ul>	<p>In this unit students explore potential ideas for a new application and develop the fundamental design for it. They then develop the designs for an application and how users will interact with it.</p> <p>The application that students design can be for any sector and for any purpose and they will have the opportunity to present their ideas, prototype them, before refining their design.</p> <p>Students gain technical knowledge about designing an application, whilst learning key transferable skills such as liaising with clients, questioning people effectively to gain the information they need to develop successful designs, and presenting their ideas to an audience and getting feedback from them.</p>
HT4	Unit 6 – Application design	<ul style="list-style-type: none"><li>• Understand how applications are designed</li><li>• Be able to investigate potential solutions for application developments</li><li>• Be able to generate designs for application solutions</li><li>• Be able to present application solutions to meet client and user requirements</li></ul>	<p>In this unit students explore potential ideas for a new application and develop the fundamental design for it. They then develop the designs for an application and how users will interact with it.</p> <p>The application that students design can be for any sector and for any purpose and they will have the opportunity to present their ideas, prototype them, before refining their design.</p> <p>Students gain technical knowledge about designing an application, whilst learning key transferable skills such as liaising with clients, questioning people effectively to gain the information they need to develop successful designs, and presenting their ideas to an audience and getting feedback from them.</p>



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Term	Topic	Covered in lessons	Intent
HT5	Revision of Exam units		
HT6	Coursework revisions		