

Curriculum Overview – Year 12 IT

Unit Title	Learning	How can parents best support?
Unit 1 – Fundamentals of ICT	LO1 – Understand Computer Hardware LO2 – Understand Computer Software LO3 – Understand Business IT systems LO4 – Understand employability and communication skills used in an IT environment LO5 – Understand ethical and operational issues and threats to computer systems	Ensure students are researching the theory for their exam in their own time and are attempting the practice exam questions. All tasks are accessible using Google Classroom.
Unit 6 – Application Design	P1 - Describe the key stages in application development P2 - Gather client requirements for an application solution P3 - Illustrate the requirements, functioning, and designs of an application solution, using diagrams P4 - Present a proposed design solution to the identified client P5 - Create a prototype based on the design solution P6 - Gather client and/or user feedback on the prototype M1 - Compare and contrast different application development models M2 - Conduct a feasibility study of different solutions for the client requirements M3 - Negotiate adaptations with the identified client to refine the design solution D1 - Justify design choices identifying the advantages and disadvantages of each D2 - Implement improvements based on the analysed client and/or user feedback	Ensure students are working on their coursework tasks in their own time and meeting all deadlines set. All tasks are accessible using Google Classroom. Support students by helping them to research their chosen destination including attractions, places to visit and how to encourage the audience to go there.

<p>Unit 8 – Project Management</p>	<p>P1 - Explain the different phases within an identified project life cycle P2 - Describe different project methodologies P3 - Complete the documentation for the initiation phase for an identified project P4 - Develop a project plan for the identified project P5 - Follow the project plan and conduct a phase review of the identified project P6 - Evaluate feedback from client and team in relation to the project M1 - Compare the features and benefits of different project methodologies M2 - Carry out and document a phase review of the project plan M3 - Recommend potential improvements for future projects based on the outcome of the project evaluation D1 - Evaluate the importance of each phase of the identified project life cycle D2 - Create a Business Case to support an identified project D3 - Prepare a project closure report based on the execution phase review of the identified project</p>	<p>Ensure students are working on their coursework tasks in their own time and meeting all deadlines set. All tasks are accessible using Google Classroom.</p>
------------------------------------	---	--