

### Year 11 ICT

<b>Curriculum intent</b>	<p>The curriculum has been designed to challenge, inspire and engage all students, WJEC Level 1/2 Vocational Awards (Technical Awards) provide learners with opportunities to study vocational subjects alongside GCSEs and other general and vocational qualifications as part of a broad programme of study. Unit 1 allows learners to explore the wide range of uses of hardware, application and specialist software in society. Learners will investigate how information technology is used in a range of contexts, including business and organisations, education and home use of information technology, Unit 2 introduces learners to a broad working knowledge of databases, spreadsheets, automated documents and images and enables learners to apply their knowledge and understanding to solve problems in vocational settings</p>					
<b>Term</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Knowledge</b>	Controlled assessment	Controlled assessment.	Functionality of different hardware devices Functionality of different software Services provided by IT Why data must be fit for purpose How input data is checked for errors How data transfers over different types of network Different types of connectivity Risks to information held on computers The impact of data loss, theft or manipulation on individuals and businesses Methods used to protect information How moral and ethical issues affect computer users			k
<b>Skills</b>	Recall of knowledge. Application of knowledge.  Problem solving	Recall of knowledge. Application of knowledge.  Problem solving	Recall of knowledge. Application of knowledge.  Analyse the needs of different scenarios and selecting and justifying choices	Recall of knowledge. Application of knowledge.	Recall of knowledge. Application of knowledge.	

<b>Assessments</b>	Internally marked	Internally marked	Exam board questions with feedback and RAMP opportunities End of January	Exam board questions with feedback and RAMP Mid May Online mock exam		
<b>Curiosity</b>			The brain chip <a href="https://www.youtube.com/watch?v=KsX-7hS94Yo">https://www.youtube.com/watch?v=KsX-7hS94Yo</a>	encryption <a href="https://www.youtube.com/watch?v=sMOZf4GN3oc">https://www.youtube.com/watch?v=sMOZf4GN3oc</a>		