2016/17 Curriculum Plan – ICT

	Term	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn	1	**E-Safety**: Students will create a booklet covering issues such as: Staying safe online, Cyberbullying, Phishing, Copyright, Health and Safety	**What is a computer:** Students will create a booklet covering topics such as: Input/Output, RAM/ROM, CPU, Storage and Binary	**Graphics Project:** Students will create a Cereal box using graphics software. During this project they will; Research designs for cereal products, Design a cereal box, Implement the cereal box using advanced ICT Skills and evaluate their work.	**Unit 4 Developing Multi-Media ICT Solutions:** This controlled assessment will give students the opportunity to develop a piece of work using multimedia software following a single task brief issued by WJEC.	**Unit 2 and Theory 1;** The controlled assessment consists of a portfolio of work which shows students' attainment in obtaining and interpreting different types of information; using, developing and communicating information to meet the purpose of their studies and presenting the results of their work. This assignments will assess the practical aspects of the functional elements of ICT
	2		**Websites-HTML** coding. Students will create a simple 3 page website using Notepad			
Spring	3	**Spreadsheets:** Students will format a spreadsheet, use simple formulas and advanced functions.	**Websites-Dreamweaver;** Students will create a website about bullying. The website will include; Roll over buttons, hyperlinks, hotspots and an animation	**Business Skills:** Students will use a variety of software packages to solve an of assortment business problems.		**Unit 4 and Theory 3** This controlled assessment will give students the opportunity to develop a piece of work using multimedia software following a single task brief issued by WJEC.
	4	**Coding and Flowol:** Students will	**Micro bites:** Using Micro bites students		**Unit 2 Solving Problems with ICT:** The controlled assessment consists of a	**Theory Unit 1**: The examination paper will assess the requirements of the KS4 Programme of Study for

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		use Logo to create shapes. They will produce their own procedures to repeat patterns. They will use Flowol to control traffic lights and a light house.	will code simple messages and games.		portfolio of work which shows students' attainment in obtaining and interpreting different types of information; using, developing and communicating information to meet the purpose of their studies and presenting the results of their work. This assignments will assess the practical aspects of the functional elements of ICT	ICT and the functional elements of ICT in a home and school context.
Summer	5	**Databases:** Students will; Create a database, Interrogate the database, Produce forms and Reports.	**Database and Spreadsheets.** Students will build on skills learnt in Year 7 to develop a Spreadsheet and database.	**Creating a Multi media Product;** Students will select the presentation software to; design and implement a product for a given scenario.		**Theory Unit 3** The examination paper will assess the "application" content of ICT in a business and industry context.
	6	**Video Editing:** Students will add text and credits to a video, they will add transitions and other effects.	**Code Combat:** Using the Code Combat website students will use the Python code language to advance through a combat game.			