KS3 ICT

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
8	**Introduction to Python Programming**	**Developing for the Web**	**Internet Safety**	**Introduction to Graphic design** *Looking at artists and creating mood boards to inform product design – Mug Designs created. Students learn to adapt existing work to create their own individual interpretation of another artist's work.*	**Typography** *Learning the basics of Typography and how to use it Graphic design. Create a Poster for a product designing their own typography.*	**Packaging** *Learning to create packaging appropriate for product and taking into consideration the aesthetic value of it. Applying skills taught in previous terms (Design and Typography)*
9	**Mobile App Development Project**		**Python Programming with Sequencing of Data**	**Data Science**	**Cybersecurity**	**Representations going Audio-visual**

In Year 8, 50% of students do Three Terms doing ICT and swap with the other half of Year 8 doing Computer Aided Design and Manufacturing, this ensures a well-rounded curriculum

Course Title:	BTEC Tech Award in Digital Information Technology
Exam Board:	Edexcel

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
10	**Component 1 Assessment Brief LAA** *Exploring User Interface Design Principles and Project Planning Techniques*	**Component 1 Assessment Brief LAB** *Exploring User Interface Design Principles and Project Planning Techniques*	**Component 1 Assessment Brief LAC** *Exploring User Interface Design Principles and Project Planning Techniques*	**Component 3** *Exam Theory and Practice*	**Component 3** *Exam Theory and Practice*	**Component 3** *Exam Theory and Practice*
11	**Component 2 Assessment Brief LAA** *Collecting, Presenting and Interpreting Data*	**Component 2 Assessment Brief LAB** *Collecting, Presenting and Interpreting Data*	**Component 2 Assessment Brief LAC** *Collecting, Presenting and Interpreting Data*	**Component 3** *Exam Theory and Practice*	**Component 3** *Exam Theory and Practice*	

Course Title:	GCSE Computer Science (J277)
Exam Board:	OCR

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
10	Practical programming	**Paper 1:** Systems Architecture	**Paper 1 and 2:** Data Representation	**Paper 1:** Networks and Network Security	**Paper 1:** Impacts of digital technology	**Paper 1:** Exam theory and Practice
11	**Paper 2:** Algorithms	**Paper 2:** Programming	**Paper 2:** Logic and Languages	Practical programming	**Paper 1 and Paper 2:** Exam theory and Practice	