Year 12 Subject Curriculum Overview per Term

Subject: ICT	Year Group: 12	AUTUMN TERM
Topic	**Key Learning Points**	**Key Vocabulary**	**Assessments**
Fundamentals of IT	• Computer hardware • Computer components • Types of computer system • Connectivity methods • Communications hardware, • Hardware troubleshooting • Units of measurement • Number systems • Number conversion • Types of software • Applications software • Utility software • Operating systems • Communication methods • Software troubleshooting • Safe disposal of data and computer equipment:	Hardware System Connectivity Utility software Operating systems CPU HDD SSD Software Data	Within each topic there are units, at the end of each unit of study there will be a formal assessment using past paper questions, conducted under exam conditions.
Virtual and Augmented Reality	• Describe the uses of virtual and augmented reality by organisations • Explain the impact that an identified virtual reality resource has had on society • Assess the impact that an identified augmented reality resource has had on society • Produce a design specification for a virtual reality resource for an identified purpose • Produce a design specification for an augmented reality resource for an identified purpose • Develop a virtual reality or an augmented reality resource for an identified purpose • Evaluate the development stages during the creation of the resource	VR AR Mixed reality Design specification Target market Resources Evaluation	Coursework units are marked on submission of the project as a whole. Informal feedback is given as each section is being completed by the class teachers. The projects are broken down into tasks that each have there own submissions to make the progress of the work easier to track.

Year 12 Subject Curriculum Overview per Term

Subject: ICT		Year Group: 12	SPRING TERM
Topic	**Key Learning Points**	**Key Vocabulary**	**Assessments**
Virtual and Augmented Reality	- Describe the uses of virtual and augmented reality by organisations - Explain the impact that an identified virtual reality resource has had on society - Assess the impact that an identified augmented reality resource has had on society - Production of design specification for a virtual reality resource for an identified purpose - Production of design specification for an augmented reality resource for an identified purpose - Develop a virtual reality or an augmented reality resource for an identified purpose - Evaluate the development stages during the creation of the resource	VR AR Mixed reality Design specification Target market Resources Evaluation	Coursework units are marked on submission of the project as a whole. Informal feedback is given as each section is being completed by the class teachers. The projects are broken down into tasks that each have there own submissions to make the progress of the work easier to track.

Year 12 Subject Curriculum Overview per Term

Subject: ICT		Year Group: 12	SUMMER TERM
Topic	**Key Learning Points**	**Key Vocabulary**	**Assessments**
Social media and digital marketing	- Outline the tools available for digital marketing - Explain the stages of the digital marketing life cycle - Assess the impact of digital marketing on an identified product - Describe how social media may be used to gather data - Explain how data is used as part of social media digital marketing campaigns - Describe the legal and ethical restrictions on the use of social media as part of digital marketing campaigns - Outline social media channels to be used in a digital marketing campaign - Describe the target audience for the identified social media channels - Plan the social media content of the digital marketing campaign to meet identified business objectives - Justify the use of identified social media channels in digital marketing campaigns	Social media Marketing Target market Ethical Legal Channels	Coursework units are marked on submission of the project as a whole. Informal feedback is given as each section is being completed by the class teachers. The projects are broken down into tasks that each have there own submissions to make the progress of the work easier to track.
Global Information	- Understand where information is held globally and how it is transmitted - Understand the styles, classification and the management of global information - Understand the use of global information and the benefits to individuals and organisations - Understand the legal and regulatory framework governing the storage and use of global information - Understand the process flow of information - Understand the principles of information security	Data Information Global Personal Public Process Framework	Within each topic there are units, at the end of each unit of study there will be a formal assessment using past paper questions, conducted under exam conditions.

Year 12 Subject Curriculum Overview per Term

How parents can support learning in the subject this academic year
Encourage students to make use of their free time, making sure they are staying on top of their coursework submissions. For so many students this can be the first subject that they take where coursework is a major element of the course, and they can start to neglect it as they are unfamiliar with having to manage working on large written elements.

Recommended Reading
- Unit 1 – Fundamentals of IT - https://www.csnewbs.com/ctech-unit-1-fundamentals-of-it   - Unit 2 - Global Information - https://www.csnewbs.com/ctech-unit-2-globalinformation   - My Revision Notes: Cambridge Technicals Level 3 IT ISBN-10: 1510442316   - Unit 1 Specification - https://www.ocr.org.uk/Images/267350-fundamentals-of-it.pdf   - Unit 2 Specification - https://www.ocr.org.uk/Images/267351-global-information.pdf   - Unit 5 Specification - https://www.ocr.org.uk/Images/267354-virtual-and-augmented-reality.pdf   - Unit 13 Specification - https://www.ocr.org.uk/Images/267364-social-media-and-digital-marketing.pdf

Points to note
This year students will undertake their Unit 1 Fundamentals of IT exam in January, with a resit opportunity in the summer term. Students will undertake two coursework units this year, VR & Social media. Student will start to learn the theory content for Unit 2, and the exam for which will be in January in Year 13.