Y10 Computing (Non-GCSE) Curriculum Progression Map

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Dates	Monday 5th September – Friday, 21 October 2022	Monday, 1 November – Wednesday, 21 December 2022	Monday, 9 January – Friday, 10 February 2023	Monday, 20 February – Friday, 31 March 2023	Monday, 17 April – Friday, 26 May 2023	Monday, 5 June – Friday, 19 July 2022
Weeks	8	7	7	6	5	6
Unit Title	**IT and the world of work**	**IT and the world of work**	**Online Safety**	**Online Safety**	**Online Safety and spreadsheets**	**Spreadsheets**
Sequence	**IT and the world of work** The modern world of work Accessibility The skills required	**IT and the world of work** Why cloud computing? Creating personal networks Remote working	**Online Safety** An introduction to online safety Online reputation Big data Right to privacy Data protection	**Online Safety** Fake news Illegal content Right to access The bubble - Protecting myself online	**Introduction to Spreadsheets** Basics of spreadsheets (recap) e.g. using Excel and working with worksheets, cells, columns/rows and tools of a spreadsheet	**Spreadsheets** Conditional formatting / format cells e.g. currency data visualisation – Carts Formula/functions/IF functions

Key Building Blocks	Using IT in the world of Work, career focus, discussing different scenarios and IT possible solutions. Skills required.	Pros and Cons of cloud computing, different types of networks and the impact of remote learning.	Understand the importance of online safety. Understanding why online reputation is important. What is your data, What is big data. Right to privacy.	Legislation, data protection (GDPR). Identifying fake news. What is illegal content?	Right to access information? What is data? Knowing how to protect yourself online.	Research and start own project, plan, execute and evaluate it.
Retrieval Practices	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout - Refer to assignment and portfolio of evidence throughout the term	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout - Refer to assignment and portfolio of evidence throughout the term	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout	- Re-cap of skills, tasks and demonstrations using AB Tutor Computer Control to ensure understanding of task - Verbal feedback throughout - Refer to assignment and portfolio of evidence throughout the term
Key Skills	Language & Vocabulary Written communication	Language & Vocabulary Written communication	Language & Vocabulary Written communication	Language & Vocabulary Written communication	Language & Vocabulary Written communication	Language & Vocabulary Written communication Specialist software skills
Literacy	Written & Oral communication Tier 2 & 3 vocab development	Written & Oral communication Tier 2 & 3 vocab development	Written & Oral communication Tier 2 & 3 vocab development	Written & Oral communication Tier 2 & 3 vocab development	Written & Oral communication Tier 2 & 3 vocab development	Written & Oral communication Tier 2 & 3 vocab development
Numeracy	Internet speeds Data	Internet speeds Data	Internet Data Passwords File size	Internet Data Passwords File size	Internet Data Passwords File size	File size Data
Formative Assessment	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software	Verbal feedback throughout each lesson Re-cap of task and assignment using Computer Control monitoring software
Summative Assessment	Summative assessment questions.	Summative assessment questions.	End of unit (portfolio of evidence)	End of unit (portfolio of evidence)	End of unit (portfolio of evidence)	End of unit (portfolio of evidence)
Spiritual	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.	Students have opportunities to self/peer-assess and reflect/evaluate their work. Students consider their own progress and support the progress of others, whilst also building relationships.

Moral	Students learn about safe and responsible use of digital technology in the workplace.	Students learn about safe and responsible use of digital technology in the workplace and at home.	Students learn about safe and responsible use of digital technology. Students gain an understanding of the laws surrounding storing people's information, this is related to the Data Protection Act (GDPR) Students will consider online reputation, cyberbullying and how it could affect others. Malicious Communications Act	Students learn about safe and responsible use of digital technology. Students gain an understanding of the laws surrounding storing people's information, this is related to the Data Protection Act (GDPR).	Students learn about safe and responsible use of digital technology.	Students learn about safe and responsible use of digital technology.
Social	Learners develop a range of technological skills that will prepare them for the challenges of living in a technologically-rich and interconnected world.	Learners develop a range of technological skills that will prepare them for the challenges of living in a technologically-rich and interconnected world.	Peer work and reflective evaluations allow students to consider their progress and support the progress of others, whilst also building relationships.	Peer work and reflective evaluations allow students to consider their progress and support the progress of others, whilst also building relationships.	Peer work and reflective evaluations allow students to consider their progress and support the progress of others, whilst also building relationships.	Peer work and reflective evaluations allow students to consider their progress and support the progress of others, whilst also building relationships.
Cultural	Learners consider the use of accessibility features to ensure that the intended user can access and use the products they create. Students will learn how computers have developed over time into the devices they are familiar with today. Students will learn about the digital skills required in the workplace using these devices.	Students will learn how computers have developed over time into the devices they are familiar with today. Students will learn about the digital skills required in the workplace using these devices.	Learners will appreciate that I.T. contributes to the development of our culture and is becoming increasingly central to our highly technological future.	Learners will appreciate that I.T. contributes to the development of our culture and is becoming increasingly central to our highly technological future.	Learners will appreciate that I.T. contributes to the development of our culture and is becoming increasingly central to our highly technological future.	Learners will appreciate that I.T. contributes to the development of our culture and is becoming increasingly central to our highly technological future.
Legislative issues	Various aspects of legislation relating to IT: copyright design and patents act, the computer misuse act and, the data protection act (GDPR).					
British Values	Mutual Respect, Tolerance and The Rule of Law	Mutual Respect, Tolerance and The Rule of Law	Mutual Respect, Tolerance and The Rule of Law	Mutual Respect, Tolerance and The Rule of Law	Mutual Respect	Mutual Respect
Gatsby 4	IT skills required for employment, IT and the world of work	IT skills required for employment, IT and the world of work	IT legislation, big data	Online safety, cybersecurity	Finance, accounting, spreadsheets	Finance, accounting, spreadsheets