

Computer Science – Year 11 Subject Overview

Year 11						
	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Topic	Effective Digital Working Practices. Modern technologies	Effective Digital Working Practices. Modern technologies	Impact of modern technologies	Cyber security. Threats to data. Prevention and management of threats to data.	The wider implications of digital systems. Responsible use. Legal and ethical.	Planning and communication in digital systems Forms of notation
Learning Objectives	Communication technologies: Cloud storage: Cloud computing:	Maintenance, set up and performance considerations Collaborative technologies: Using modern technology when managing teams	Communication with stakeholders: How modern technologies impact on the organisation: How technology impacts individuals: Why systems are attacked Data level protection: firewalls	Why systems are attacked Data level protection: firewalls Defining security parameters Sharing data. The impact of technology on the environment. Accessing information and services	Data protection principles. Data and the use of the internet. Intellectual property. The criminal use of computer system	Forms of notation: interpreting/creating data flow diagram and flowcharts. Forms of notation: interpreting system diagrams, tables and written information. Revise for final externally-set assessment
Key Vocabulary	BTech command words	BTech command words	BTech command words	BTech command words	BTech command words	BTech command words
Formative Assessment	Low stakes quizzes and assessment tasks	Formative Assessment	Low stakes quizzes and assessment tasks	Formative Assessment	Low stakes quizzes and assessment tasks	Formative Assessment
Summative Assessment	Component 2 PSA					Component 3 PSA

