Computing Department Curriculum Plan

YEAR	STRAND	AUTUMN TOPICS	SPRING TOPICS	SUMMER TOPICS	ASSESSMENT
7	Computing	Office Applications (DL); Web Awareness (IT/CS)	Networks (CS); Binary (CS); Inside a Computer (CS)	Project Planning (IT/ CS)	Baseline Testing, End of Unit Tests and End of Year Test
8	Computing	Flowcharts (CS); HTML (CS); E-safety (IT)	Block Based Programming (CS); Databases (IT/DL)	Micro:bits (CS); Project Planning (IT/ CS)	End of Unit Tests/Project and End of Year Test
9	Computing	How a Computer Works (CS); Ethics Debates (IT)	Python Programming (CS); User Interface Design (IT)	Website Design (IT); Project Planning (IT/ CS)	End of Unit Tests/Project and End of Year Test
10	OCR GCSE Computer Science	Systems Architecture; Memory; Storage; Networks; Python	Network Topologies; System Security; System Software; Ethics and Environmental Issues; Python	Coding Challenges; Practice NEA; Algorithms; Programming Techniques	Theory Tests
10	BTEC Digital Information Technology	User Interface Design Principles; Use and Review of GUIs	Project Planning Techniques; Data Manipulation Tools; Data Intelligence	Internally Assessed Assignments	Coursework
11	OCR GCSE Computer Science	NEA	Robust Programs; Computational Logic; Translators and Facilities of Language; Data Representation	Exam Preparation	Theory Tests and Final Exam
11	BTEC Digital Information Technology	Digital Working Practices; Evolution of IT	Cybersecurity; Safeguarding	Legal and Ethical Issues	Coursework and Final Exam

Digital Literacy (DL)

Information Technology (IT)

Computer Science (CS)