

COMPUTING CURRICULUM – YEARS 7–11

YEAR 7

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Topic	E-Safety	Computer Systems	Networks	Spreadsheets	Visual Programming - Scratch	Visual Programming - KODU

YEAR 8

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Topic	Cyber security	Artificial intelligence	HTML	Data representation - Binary	Flowcharts-and-pseudocode	Visual Programming - Turtle

YEAR 9

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Topic	Computational Thinking	Impact of technology in Society	Databases	Binary	Introduction to Python	More code with Python

YEAR 10 (COMPUTER SCIENCE)

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Topic	System Architecture	Memory & Storage Programming fundamentals	Networks Programming fundamentals	Network Security Programming fundamentals	Boolean Logic Software System	Software System Algorithms

YEAR 11 (COMPUTER SCIENCE)

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Topic	Algorithms Ethical Legal Cultural	Ethical Legal Cultural Producing robust programs	Programming languages and IDEs	Programming languages and IDEs Revision	Programming languages and IDEs Revision	