Computing Overview 2024-25

	Autumn	Autumn	Spring	Spring	Summer	Summer
YEAR ONE	**Computing systems and networks:** Improving mouse skills — *Digital literacy* *Information technology*	**Programming 1:** Algorithms unplugged — *Computer science*	**Skills showcase:** Rocket to the moon — *Digital literacy*	**Programming 2:** Bee-bots — *Computer science*	**Creating media:** Digital Imagery — *Computer science* *Digital literacy* *Information technology*	**Data handling:** Introduction to data — *Digital literacy* *Information technology*
YEAR TWO	**Computing systems and networks 1:** What is a computer? — *Computer science* *Information technology*	**Programming 1:** Algorithms and debugging — *Computer science*	**Computing systems and networks 2:** Word processing — *Digital literacy*	**Programming 2:** Scratch — *Computer science* *Digital literacy*	**Creating media:** Stop motion — *Digital literacy* *Information technology*	**Data handling:** International space station — *Computer science* *Digital literacy*
YEAR THREE	**Computing systems and networks 1:** Networks — *Computer science* *Digital literacy* *Information technology*	**Programming:** Scratch — *Computer science* *Digital literacy* *Information technology*	**Computing systems and networks 2:** Emailing — *Computer science* *Digital literacy* *Information technology*	**Computing systems and networks 3:** Journey inside a computer — *Computer science* *Digital literacy* *Information technology*	**Creating media:** Video trailers — *Computer science* *Digital literacy* *Information technology*	**Data handling:** Comparison cards databases — *Computer science* *Information technology*
YEAR FOUR	**Computing systems and networks:** Collaborative learning — *Computer science* *Digital literacy* *Information technology*	**Programming 1:** Scratch — *Computer science* *Information technology*	**Creating media:** Website design — *Computer science* *Digital literacy* *Information technology*	**Skills showcase:** HTML — *Computer science* *Digital literacy* *Information technology*	**Programming:** Computational thinking — *Computer science* *Information technology*	**Data handling:** Investigating weather — *Computer science* *Digital literacy* *Information technology*
YEAR FIVE	**Computing systems and network:** Search engines — *Digital literacy* *Information technology*	**Programming 1:** Programming music — *Computer science* *Information technology*	**Data handling:** Mars Rover 1 — *Computer science* *Digital literacy* *Information technology*	**Programming 2:** Micro:bit — *Computer science* *Digital literacy* *Information technology*	**Creating media:** Stop motion animation — *Computer science*	**Skills showcase:** Mars Rover 2 — *Computer science* *Information technology*
YEAR SIX	**Computing systems and networks:** Bletchley Park and the history of computers — *Computer science* *Digital literacy* *Information technology*	**Computing systems and network:** Exploring AI — *Computer science* *Digital literacy* *Information technology*	**Data handling :** Big data 1 — *Computer science* *Digital literacy* *Information technology*	**Programming:** Intro to Python — *Computer science* *Information technology*	**Data handling:** Big data 2 — *Computer science* *Digital literacy* *Information technology*	**Skills showcase:** Inventing a product — *Computer science* *Digital literacy* *Information technology*

Computing Strands

Online safety **This runs through all units in all year groups.**	Computer science	Digital literacy	Information technology