

Curriculum Connection Computing Yearly Overview

	Core (Pre Key Stage 1)	Extended (Key Stage 1)	Extended (Key Stage 2)	Extended (Key Stage 3)
Autumn 1	Information Technology – Recognising technology	Information Technology – The use of technology	Information Technology – Use of a range of technology	Information Technology – Use of multiple technologies and devices
Autumn 2	Computer Science – Following patterns (Online / digital Safety)	Computer Science – The use of algorithms (Online / digital Safety)	Computer Science – Creating and using algorithms (Online / digital Safety)	Computer Science – Designing, creating, using and testing algorithms (Online / digital Safety)
Spring 1	Information Technology & Digital Literacy - The use of online technology	Information Technology & Digital Literacy – The safe use of online technology & communication	Information Technology & Digital Literacy - Using online technology & communication safely, responsibly and respectfully	Information Technology & Digital Literacy – Using online technology & communication safely, responsibly and respectfully, protecting my online identity.
Spring 2	Information Technology – Selection (Online / digital Safety)	Information Technology – Sequencing and selection (Online / digital Safety)	Information Technology – Sequencing, selection and repetition (Online / digital Safety)	Information Technology – Sequencing, selection, repetition and manipulation (Online / digital Safety)
Summer 1	Computer Science – Testing simple programs	Computer Science – Writing and testing simple programs	Computer Science – Writing, testing and debugging simple programs	Computer Science – Writing, testing and debugging modular programs
Summer 2	Computer Science - Predicting an outcome (Online / digital Safety)	Computer Science – The use of logical reasoning to predict an outcome (Online / digital Safety)	Computer Science - The use of logical reasoning to correct an outcome (Online / digital Safety)	Computer Science – The use of Boolean Logic and Binary (Online / digital Safety)

Pupils on an engagement pathway will follow a curriculum personalised to specific needs through individual PLIM target setting.

Pupils on a qualification pathway follow a curriculum written as a specification formulated by the chosen examination board.