

Computing Long Term Plan

Year 1/2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	<u>Computer Systems and Networks</u> IT around us (Y2)	<u>Data and information</u> Grouping data (Y1)	<u>Creating media</u> Digital writing (Y1)	<u>Programming B</u> Programming animations (Y1)	<u>Programming B</u> Programming quizzes (Y2)	<u>Creating media</u> Digital music (Y2)
Cycle B	<u>Computing systems and Networks</u> Technology around us (Y1)	<u>Creating media</u> Digital photography (Y2)	<u>Creating media</u> Digital painting (Y1)	<u>Programming A</u> Moving a robot (Y1)	<u>Programming A</u> Robot algorithms (Y2)	<u>Data and information</u> Pictograms (Y2)

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Year 3/4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	<u>Computer Systems and Networks</u> The Internet (Y4)	<u>Creating Media</u> Audio production (Y4)	<u>Programming A</u> Repetition in shape (Y4)	<u>Data and Information</u> Data logging (Y4)	<u>Creating media</u> Photo editing (Y4)	<u>Programming B</u> Repetition in games (Y4)
Cycle B	<u>Computer Systems and Networks</u> Connecting computers (Y3)	<u>Creating Media</u> Stop-frame animation (Y3)	<u>Programming A</u> Sequencing sounds (Y3)	<u>Data and Information</u> Branching databases (Y3)	<u>Creating media</u> Desktop publishing (Y3)	<u>Programming B</u> Events and actions in programs (Y3)

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Year 5/6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	<u>Computer Systems and Networks</u> Systems and searching (Y5)	<u>Programming A</u> Selection in physical computing (Y5)	<u>Programming B</u> Selection in quizzes (Y5)	<u>Creating Media</u> 3D modelling (Y6)	<u>Data and Information</u> Flat file databases (Y5)	<u>Creating Media</u> Web page creation (Y6)
Cycle B	<u>Computer Systems and Networks</u> Communication and collaboration (Y6)	<u>Programming A</u> Variables in games (Y6)	<u>Programming B</u> Sensing movement Micro:Bit (Y6)	<u>Data and Information</u> Introduction to spreadsheets (Y6)	<u>Creating Media</u> Introduction to vector graphics (Y5)	<u>Creating Media</u> Video production (Y5)