

<u>Computing Curriculum Overview Cycle A</u>	<b>Class 1 (EYFS) Barefoot</b>	<b>Class 2 (Year 1 and 2) Teach Computing</b>	<b>Class 3 (Year 3 and 4) Teach Computing</b>	<b>Class 4 (Year 5 and 6) Teach Computing</b>
<b>Term 1</b>	Busy Bodies Algorithms, Decomposition, Debugging, Logic, Patterns, Abstraction	Computing systems and networks - Technology around us (Year 1)	Computing systems and networks - Connecting computers (Year 3)	Computing systems and networks - Systems and searching (Year 5)
<b>Term 2</b>	Awesome Autumn Creating, Pattern, Logic, Algorithms, Decomposition, Collaborating	Creating Media - Digital painting (Year 1)	Creating Media - Stop-frame animation (Year 3)	Creating Media - Video Production (Year 5)
<b>Term 3</b>	Super Space Algorithms, Collaboration, Persevering, Creating, Pattern, Logical reasoning, Tinkering, Abstraction	Programming A - Moving a Robot (Year 1)	Programming A - Sequencing sounds (Year 3)	Programming A - Selection in physical computing (Year 5)
<b>Term 4</b>	Springtime Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	Computing systems and networks - IT around us (Year 2)	Computing systems and networks - The Internet (Year 4)	Computing systems and networks - Communication and Collaboration (Year 6)
<b>Term 5</b>	Prompt cards Collaborating, Creating, Tinkering, Logic, Persevering, Patterns, Decomposition, Algorithms, Abstraction	Creating Media - Digital Photography (Year 2)	Creating Media - Audio Production (Year 4)	Creating Media - Web page creation (Year 6)
<b>Term 6</b>	Summer fun Tinkering, Persevering, Patterns, Logic, Decomposition, Debugging, Collaborating, Algorithms	Programming A - Robot Algorithms (Year 2)	Programming A - Repetition in shapes (Year 4)	Programming A - Variables in games (Year 6)

Science Curriculum Overview Cycle B	Class 1 (EYFS)	Class 2 (Year 1 and 2)	Class 3 (Year 3 and 4)	Class 4 (Year 5 and 6)
Term 1	Busy Bodies Algorithms, Decomposition, Debugging, Logic, Patterns, Abstraction	Data and information - Grouping Data (Year 1)	Data and information - Branching Databases (Year 3)	Data and information - Flat-file databases (Year 5)
Term 2	Awesome Autumn Creating, Pattern, Logic, Algorithms, Decomposition, Collaborating	Creating Media - Digital Writing (Year 1)	Creating Media - Desktop publishing (Year 3)	Creating Media - Introduction to vector graphics (Year 5)
Term 3	Super Space Algorithms, Collaboration, Persevering, Creating, Pattern, Logical reasoning, Tinkering, Abstraction	Programming B - Programming animations (Year 1)	Programming B - Events and actions in programs (Year 3)	Programming B - Selection in Quizzes (Year 5)
Term 4	Springtime Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	Data and information - Pictograms (Year 2)	Data and Information - Data logging (Year 4)	Data and information - Introduction to spreadsheets (Year 6)
Term 5	Prompt cards Collaborating, Creating, Tinkering, Logic, Persevering, Patterns, Decomposition, Algorithms, Abstraction	Creating Media - Digital Music (Year 2)	Creating Media - Photo Editing (Year 4)	Creating Media - 3D Modelling (Year 6)
Term 6	Summer fun Tinkering, Persevering, Patterns, Logic, Decomposition, Debugging, Collaborating, Algorithms	Programming B - Programming Quizzes (Year 2)	Programming B - Repetition in games (Year 4)	Programming B - Sensing movement (Year 6)