

At Lanercost Church of England Primary School, EYFS follow a curriculum designed using Barefoot Computing resources, Year 1 – 6 follow the Teach Computing Scheme of Learning, we have adapted this to create a two-year rolling programme to suit our mixed age classes.

Key:

Year 1, Year 3, Year 5 block

Year 2, Year 4, Year 6 block

	Cycle A						Cycle B						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Concepts	Due to the importance of Computing, KS1 and KS2 will aim to cover all of our six disciplinary concepts each term. One of two focus concepts and a focus substantive concept will be for each half-term. The EYFS concepts have been mapped for each term.												
EYFS Class 1	Keep it Safe & Movement Match	Awesome Autumn	Winter Warmers	Who owns this? & Busybodies	Cyber Snakes & Story Sequencing	Boats Ahoy	Keep it Safe & Movement Match	Awesome Autumn	Winter Warmers	Who owns this? & Busybodies	Cyber Snakes & Story Sequencing	Boats Ahoy	
Key Disciplinary Concepts	<i>pattern, logic & and reasoning, algorithms, decomposition, evaluation</i>		<i>decomposition, algorithms, logic and reasoning, pattern, abstraction,</i>			<i>logic and reasoning, abstraction, pattern, decomposition, algorithms,</i>		<i>pattern, logic and reasoning, algorithms, decomposition, evaluation</i>		<i>decomposition, algorithms, logic and reasoning, pattern, abstraction,</i>		<i>logic and reasoning, abstraction, pattern, decomposition, algorithms,</i>	
Substantive Concept/ Strand	Digital Creativity	Digital Creativity	Computer Science	Digital Creativity	Digital Creativity	Computer Science	Digital Creativity	Digital Creativity	Computer Science	Digital Creativity	Digital Creativity	Computer Science	
	Online Safety is covered in each half-term through a specific online safety lesson; the planned block and/or PSHE lessons see LTP below for coverage.												
Whole School Focus/	Computing Systems & Networks	Creating Media	Programming	Data & Information	Creating Media	Programming	Computing Systems & Networks	Creating Media	Programming	Data & Information	Creating Media	Programming	
KS1 Class 2	IT Around Us	Digital Painting	Robot Algorithms	Grouping Data	Digital Writing	Programming Quizzes	Technology around us	Digital Photography	Moving Robot	Pictograms	Making Music	Programming animations	
LKS2 Class 3	Connecting Computers	Audio Production	Sequencing Sounds	Data Logging	Photo Editing	Events & Actions in Programs	The internet	Stop frame animation	Repetition in shapes	Branching databases	Desktop publishing	Repetition in games	
UKS2 Class 4	Communication and collaboration	Webpage creation	Selection in physical computing	Introduction to Spreadsheets	Vector drawing	Selection in quizzes	Systems and Searching	Video production	Variables in games	Fact file databases	3D modelling	Sensing	
Key Disciplinary Concepts	<i>Patterns</i>	<i>Evaluation</i>	<i>Logic & reasoning, algorithms</i>	<i>Abstraction</i>	<i>Logic & reasoning</i>	<i>Decomposition</i>	<i>Patterns</i>	<i>Evaluation</i>	<i>Logic & reasoning, algorithms</i>	<i>Abstraction</i>	<i>Logic & reasoning</i>	<i>Decomposition</i>	

Online Safety Long Term Plan 2022-2024

At Lanercost Church of England Primary School, EYFS are taught Online Safety through their Barefoot Computing Blocks. Years 1 – 6 follow the Teach Computing Scheme of Learning, which has been adapted to create a two-year rolling program to suit our mixed-age classes. Across this scheme of learning, online safety has been included throughout. Additional Online Safety lessons are provided through Project Evolve (based on Education for a Connected World) to ensure thorough coverage of this strand.

	Cycle A						Cycle B					
Term	Autumn 1 *	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Autumn 1 *	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Class 1	Keep it Safe & Movement Match	Awesome Autumn	Winter Warmers	Who owns this? & Busybodies	Cyber Snakes & Story Sequencing	Boats Ahoy	Keep it Safe & Movement Match	Awesome Autumn	Winter Warmers	Who owns this? & Busybodies	Cyber Snakes & Story Sequencing	Boats Ahoy
KS1 Class 2	Health, Wellbeing & Lifestyle	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Copyright and Ownership	Copyright and Ownership	Privacy and Security	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Health, Wellbeing & Lifestyle Technology Around Us	Self-image and identity	Privacy and security	Self-Image and Identity Health, wellbeing & lifestyle Privacy and security	Copyright and Ownership	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>
LKS2 Class 3	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Copyright and Ownership	<u>Online relationships</u> <u>Online bullying</u>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Self-image and identity	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Managing Information Online	Managing Information Online Copyright and Ownership	<u>Health, wellbeing & Lifestyle</u>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Managing Online Information Copyright and Ownership	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>
UKS2 Class 4	Online Reputation Copyright and Ownership	Online relationships Managing information online Copyright and Ownership	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Managing information online	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Managing Information Online	<u>Online Reputation</u> <u>Privacy and security</u> <u>Health, Wellbeing & Lifestyle</u>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>	Privacy and Security <u>Self-Image and Identity</u>	<i>Choose a lesson that suits your class's needs based on their knowledge when creating their class rules.</i>

*In addition to the Online Safety lesson for this term, Acceptable Use Agreements will be given out, an class Online Safety set of rules will be completed and Online Safety rules will be discussed and explained – these rules will be referred to whenever children access the internet.

Key:

Online Safety = included in the Barefoot/Teach Computing block

Online Safety = taught as addition lesson/s