

Subject Yearly Overview – Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Online Safety	Communication and Language	Expressive Arts			
Topic	Hidden Habitats	Blaze of Glory	Gardeners and Seedlings	Welcome to Home	The Grand Outdoors	Inspector Gadget
Y1		Online safety & Explore Purplemash Unit 1.1 Use technology safely, keeping personal information private, identify where to go for help when they have concerns about content or contact on the internet or other online technologies. Technology outside of school Unit 1.9 Recognise common uses of information technology beyond school	Pictograms Unit 1.3 Use technology purposefully to create, organise, store, manipulate and retrieve digital content		Maze Explorers Unit 1.5 Understand what algorithms are and how they are implemented as programs on digital devices	

Topic	Proud Preston	Healthy Hero	Amazing Adventures	Down on the Farm	Woodland Friends	Seaside Splendour
Y2		<p>Online safety Unit 2.2</p> <p>Use technology safely, keeping personal information private, identify where to go for help when they have concerns about content or contact on the internet or other online technologies.</p> <p>Making Music Unit 2.7</p> <p>Use technology purposefully to create, store and manipulate digital content using a variety of multimedia apps such as music and film making apps</p>		<p>Presenting ideas Unit 2.8</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content</p>	<p>Coding Unit 2.1</p> <p>Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.</p>	

Topic	Power of Preston	Live Strong	Rock and Roll	Iron Man	Ruthless Romans	How Does Your Garden Grow
Y3	<p>Branching databases Unit 3.6 (4 lessons) Graphing Unit 3.8 (2 lessons)</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>			<p>Coding Unit 3.1</p> <p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p>		<p>Email (inc email safety) Unit 3.5</p> <p>Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.</p>

Topic	Crazy Currents	Great Plague	Food Sculpture	Exploring Europe	Water, Water Everywhere	Hunted
Y4		<p>Online Safety Unit 4.2 Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>	<p>Logo Unit 4.5 Design and write and debug programs that accomplish specific goals, including controlling or simulating physical systems; Solve problems by decomposing them into smaller parts.</p>	<p>Animation Unit 4.6 (3 lessons) Making Music Unit 4.9 (4 lessons) Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>		
		<p>Effective search Unit 4.7 Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p>	<p>Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p>			

Topic	The Land We Live In	Food Glorious Food	Out of the World	The Cogs of Creation	A River Journey	Extraordinary Olympians
Y5			<p>Game Creator Unit 5.5</p> <p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p>		<p>Coding Unit 5.1</p> <p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p>	<p>Word processing Unit 5.8 Microsoft word</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>

Topic	Amazing Adaptations	Britten's Composition	Superheroes	It's a Mystery	I've Got the Power	Lights, Camera, Action.
Y6		<p>Coding Unit 6.1</p> <p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection and repetition in programs; work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p>		<p>Online Safety Unit 6.2</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <hr/> <p>Networks Unit 6.6</p> <p>Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.</p>		<p>Blogging Unit 6.4</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, evaluating, analysing, presenting data and information.</p> <p>Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.</p>