



Computing

Curriculum Overview

		Term					
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Computer science		Information technology		Digital literacy	
Key stage 1	Year 1	Unit 1:1 - Online Safety Enquiry question - How can we safely login? How can we use purple mash?	Unit 1:3 - Pictograms Enquiry question - How can we represent data?	Unit 1:9 - Technology outside of school Enquiry question - What is technology and how does it make our life easier?	Unit 1:6 - Animated stories Enquiry question - How can we create a story using animation?	Unit 1:7 Coding Enquiry question - How can we use code?	Unit 1:5 Maze explorer Enquiry question - How can we create instructions?
		Unit 1:2 Grouping and sorting Enquiry question - How do we sort objects?	Unit 1:4 - Lego building Enquiry question - What is an instruction and why do we have to decode bugs?				
	Year 2	Unit 2:2 - Online Safety Enquiry question - How can we safely communicate online?	Unit 2:4 - Questioning Enquiry question - How can we sort pictures using a binary tree?	Unit 2:3 - Spreadsheets Enquiry question - How can we use a spreadsheet to make calculations?	Unit 2:1 - Coding Enquiry question - How do you debug a programme?	Unit 2:6 - creating pictures Enquiry question - How do you create surrealist art using drawing and clipart?	Unit 2:5 - Effective searching Enquiry question - How can you search the internet?
		Unit 2:7: Making music Enquiry question - How can we record sounds and compose tunes digitally?					Unit 2:8 - Presenting ideas Enquiry question - How can you present information digitally?
Lower key stage 2	Year 3	Unit 3:2 - Online safety Enquiry question - How can we stay safe online?	3:9- Presenting Enquiry question - What software can I use	3:4 - Touch type Enquiry question - What is touch typing	Unit 3:5- Email Enquiry question - How can I	3:6 - Branching Databases Enquiry question -	Unit 3:1 - Coding Enquiry question - What is coding?

			to present information?	and why is it important?	communicate online?	How can we create a branching database?	
		3:3 - Spreadsheets Enquiry question - How can data be presented?		3:7- Simulation Enquiry question - What are simulations and how can we use them?		3:8 - Graphing Enquiry question - How can data be presented?	3:10 - Micro bits Enquiry question - How do I give the micro:bit instructions in code?
	Year 4	Unit 4:2 - Online safety Enquiry question - How can we convince others to stay safe online?	4:4 - Writing for different audiences Enquiry question - What does polite and efficient online communication look like?	4:9 - Making music Enquiry question - What software can we use to make music?	Unit 4:1 - Coding Enquiry question - What are the main programmes used for coding?	Unit 4:3 - Spreadsheets Enquiry question - What are spreadsheets and what do we use them for?	4:5 - Logo Enquiry question - What is a logo and what does a good logo look like?
	Unit 4:6 - Animations Enquiry question - Can I make an animation that serves a purpose?	Unit 4:8 - Hardware Investigation Enquiry question - What is hardware and what is it used for?		4:11 - Micro Bits Enquiry question - How can we make a micro bit light up	4:7 - Effective searching Enquiry question - How do I form my question and what filter settings do I use to search effectively online?		
Upper key stage 2	Year 5	5:2 - Online Safety Enquiry question - How can I keep myself, and others, safe online?	5:3 - Spreadsheets Enquiry question - How powerful are spreadsheets for organising data?	Unit 5:1 - Coding Enquiry question - How can we further develop our code?	5:5 - Game creator Enquiry question - How do we design, create and evaluate a game for our peers?	5:6 - 3D modelling Enquiry question - How do we design and create 3D models?	Unit 5:9 - Using external devices Enquiry question - How do we design, create and manipulate Google documents?
		5:4 - Databases Enquiry question - Why do we use databases?		5:10 - Micro bits Enquiry question - How can I code a story?		5:7 - Concept maps Enquiry question - How do we create and use concept maps?	

	Year 6	<p>Unit 6:2 - Online safety Enquiry question - How can I keep myself safe online?</p>	<p>6:8 - Understanding Binary Enquiry question - What are binary numbers and how are they used?</p>	<p>6:7 - Quizzing Enquiry question - Can you ask just any question in a quiz?</p>	<p>6:6 - Networks Enquiry question - What is a network and how are they useful?</p>	<p>Unit 6.9 - Spreadsheets Enquiry question - How can spreadsheets help us in daily life?</p>	<p>Unit 6:1 - Coding Enquiry question - Can I design a game with code?</p>
	<p>Unit 6:3 - Spreadsheet Enquiry question - What is a spreadsheet?</p>	<p>6:5 - Text Adventures Enquiry question - Why is it important to plan a text based adventure?</p>	<p>Unit 6:4 - Blogging Enquiry question - What is a blog?</p>				