



Computing

At Hollin Primary, we base our computing curriculum on the [Purple Mash Scheme of Work](#), which is a powerful comprehensive resource aligned to the National Curriculum and EYFS Framework. The scheme ensures pupils gain a solid grasp of the knowledge, skills and understanding needed to move onto further study at KS3. We also make authentic connections with other subjects within our curriculum so the pupils' have a sense of the history and timeline around technology.

Hollin Primary School
Computing Curriculum Overview

	<u>Computer Science</u>	<u>Information Technology</u>	<u>Digital Literacy</u>
EYFS	<ul style="list-style-type: none"> • Desktop classroom computers in each classroom (touch screen computers in Nursery) • Homework set virtually • Rainbow challenges sometimes include use of the interactive board. • Toys for play in the areas with buttons such as phones/microwave/cd player • Reception have a time tabled session in the computer suite each week – that will be occupied in the Spring & Summer Term 		
Year 1	<ul style="list-style-type: none"> • Grouping and sorting • Lego builders • Maze explorers • Coding 	<ul style="list-style-type: none"> • Spreadsheets • Pictograms • Animated story books 	<ul style="list-style-type: none"> • Online Safety & Exploring Purple Mash • Technology outside the school
Year 2	<ul style="list-style-type: none"> • Coding 	<ul style="list-style-type: none"> • Spreadsheets • Questioning • Creating pictures • Making music • Presenting ideas 	<ul style="list-style-type: none"> • Online Safety • Effective searching
Year 3	<ul style="list-style-type: none"> • Coding 	<ul style="list-style-type: none"> • Spreadsheets • Touch typing • Branching databases • Simulations • Graphing • Presenting 	<ul style="list-style-type: none"> • Online Safety • Email (inc email safety)
Year 4	<ul style="list-style-type: none"> • Coding • Lego • Hardware investigators 	<ul style="list-style-type: none"> • Spreadsheets • Writing for different audiences • Animation • Effective searching • Making music 	<ul style="list-style-type: none"> • Online safety
Year 5	<ul style="list-style-type: none"> • Coding • Game creator 	<ul style="list-style-type: none"> • Spreadsheets • Databases • 2D Modelling • Concept Maps • Word processing 	<ul style="list-style-type: none"> • Online safety
Year 6	<ul style="list-style-type: none"> • Coding • Text adventures • Networks • Understanding binary 		<ul style="list-style-type: none"> • Online safety

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Computing Curriculum Map 2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<ul style="list-style-type: none"> • Desktop classroom computers in each classroom (touch screen computers in Nursery) • Homework set virtually • Rainbow challenges sometimes include use of the interactive board. • Toys for play in the areas with buttons such as phones/microwave/cd player • Reception have a time tabled session in the computer suite each week – that will be occupied in the Spring & Summer Term 					
Year 1	Digital Literacy - Exploring Purple Mash Information Technology- Pictograms Computer science - Grouping & Sorting	Computer science - Lego Builders	Computer science - Coding	Computer science - Maze Explorers	Information Technology - Animated Story Books Digital Literacy - Online Safety Google Earth	Information Technology - Spreadsheets Digital Literacy - Technology outside school
Year 2	Digital Literacy Online safety Effective searching	Information Technology Spreadsheets	Information Technology Questioning	Computer science Coding	Information Technology Presenting ideas	Information Technology: Creating pictures Making music
Year 3	Digital Literacy - Safe internet use – Information Technology - power point- text & images (copy & paste) saving & retrieving work	Computer Science - Control - using logo Information Technology - Word- typing & presentation	Computer science - Coding Information Technology - film strip	Information Technology – Branching databases -	Information Technology – Photography Digital Literacy – email	Information Technology - Make a table on word. Digital Literacy - Internet research.
Year 4	Digital Literacy - Online Safety Information Technology - Animation	Information Technology - Presentations Information Technology - Effective searching	Information Technology - Hardware Investigators	Computer science - Lego Information Technology - Spreadsheets	Information Technology- Making Music	Computer science - Coding
Year 5	Information Technology - Word processing with Microsoft word	Computer science - Coding Digital Literacy - Online safety	Information Technology - Spreadsheets	Information Technology - Databases	Computer science - Game creator	Information Technology - 2D modelling Information Technology - Concept maps
Year 6	Digital Literacy - Internet Research	Information Technology - Spreadsheets	Information Technology - Producing Narrative through ICT	Computer Science - Designing, Writing & Debugging Programmes	Information Technology - Audio Technology	Information Technology - Blogging

