



The Computing Curriculum

at Ashfield Valley Primary School

There is a clear vision for the Teaching and Learning of Computing

We aim to prepare all our children for a future of possibilities, to be lifelong learners who are computer literate and are responsible, competent, confident and creative users of information and communication technology, demonstrating the skills and attitudes that will allow them to participate fully in and contribute to life in modern Britain.

There is a clear vision for the Teaching and Learning of Computing

We worked together to create a whole school vision for computing, that considers the context of the school and the need of its pupils.

All our pupils are equipped with the knowledge and skills to use technology safely, respectfully and responsibly and to engage with the ever changing world as responsible digital citizens now and in the future, including distinguishing between right and wrong when using technology.

Furthermore, we aim to provide our children with the computing skills that will help and support them with life outside of school and in school. Children will have the opportunity to partake in a broad and fun curriculum. Our computing curriculum enables this to happen.

Our Curriculum is progressive and builds upon prior knowledge at every stage.



Computing Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<u>Understanding the World</u> <ul style="list-style-type: none"> To use an iPad/ tablet to mark make. Use a keyboard to find different sounds. E.g. letters in their names. Use the interactive whiteboard to listen to songs, watch videos and stories and play games. 				Year Three	Coding (6 weeks) Computer Science Online safety (3 weeks) Digital literacy Spreadsheets (3 weeks) Information Technology Touch typing (4 weeks) Information Technology Email (6 weeks) Information Technology Computer Science Digital literacy Branching databases (4 weeks) Information Technology Microsoft PowerPoint (Extra Unit) Information Technology Digital literacy Simulations (3 weeks) Information Technology Graphing (3 weeks) Information Technology
Year One	Online safety and exploring purple mash (4 weeks) Digital literacy Grouping and sorting (2 weeks) Digital literacy	Pictograms (3 weeks) Information Technology Lego builders (3 weeks) Computer Science	Maze explorers (3 weeks) Computer Science	Animated story books (5 weeks) Information Technology	Year Four	Coding (6 weeks) Computer Science Information Technology Online safety (4 weeks) Digital literacy Computer Science Animation (3 weeks) Information Technology Spreadsheets (6 weeks) Information Technology Writing for different audiences (5 weeks) Information Technology Logo (4 weeks) Computer Science Making Music (Extra unit) Information Technology Effective search (3 weeks) Computer Science Information Technology Hardware
Year Two	Coding (5 weeks) Computer Science	Online safety (3 weeks) Digital literacy Spreadsheets (4 weeks) Information Technology	Questioning (5 weeks) Information Technology	Effective searching (3 weeks) Digital literacy Creating pictures (5 weeks) Information Technology	Year Five	Coding (6 weeks) Computer Science Information Technology Online safety (3 weeks) Digital literacy Computer Science Databases (4 weeks) Information Technology Coding (6 weeks) Online safety (2 weeks) Blogging (5 weeks) Text adventures (5 weeks) Networks (3 weeks) Computer Science Spreadsheets with Excel (Extra unit) Information Technology Computer Science Quizzing (6 weeks) Information Technology
					Year Six	Coding (6 weeks) Computer Science Information Technology Online safety (2 weeks) Digital literacy Information Technology Spreadsheets (5 weeks) Information Technology Blogging (5 weeks) Text adventures (5 weeks) Networks (3 weeks) Computer Science Spreadsheets with Excel (Extra unit) Information Technology Computer Science Quizzing (6 weeks) Information Technology

Computing at Ashfield Valley



We selected our content coverage based on the context of the school and its pupils, exploring digital literacy, computer science and information technology.

Pupil Voice

What is it like to do
Computing as Ashfield
Valley?



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