

Aspire

At Morley Meadow the computing curriculum equips children with life skills to use technology purposefully and safely in an ever-evolving digital world.

Our aim is to enable children to confidently search, explore, analyse, share and present information and data. Children will have opportunities to use equipment and resources to explore the 3 strands of computing: Computer Science, Information Technology and Digital Literacy.

Children will be taught how they can responsibly and safely use technology within school and at home and will have opportunities to support their learning across the curriculum.



Year 1 to 6 will base their teaching on the Purple Mash scheme of learning. This enables clear progression across the 3 strands of computing

- **Computer Science**
- **Information Technology**
- **Digital Literacy**

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The children will be set tasks '2Do' during allocated computing lessons, using relevant technology and are also able to access the Purple Mash learning platform at home to access cross-curricular learning activities. Children will be taught how to save work and will receive verbal or online feedback for learning activities.

The platform provides activities that build on skills learnt in the previous year(s) to enable clear progression and computational thinking.

Children are also provided with 'unplugged' sessions regarding online safety.



	Y1	Y2	Y3	Y4	Y5	Y6
Grouping and sorting Lego builders Maze explorers Coding	Coding	Coding	Coding Logo Hardware investigators	Coding Game creator	Coding Text adventures Networks Understanding binary	
Pictograms Animated story books Spreadsheets	Spreadsheets Questioning Creating pictures	Spreadsheets Touch typing Branching databases	Spreadsheets Writing for different audiences	Spreadsheets Databases 3d modelling	Spreadsheets Quizzing	

		Making music Presenting ideas	Simulations Graphing presenting	Animations Effective searching Making music	Concept maps Word processing	
	Online safety and exploring purple mash Technology outside school	Online safety Effective searching	Online Safety e-mail (inc email safety)	Online Safety	Online Safety	Online Safety Blogging
Achieve	<p>Through saved work and completed 2Dos, teachers will be able to assess the attainment of each child and provide next steps.</p> <p>The children will be engaged in learning and confident in accessing the learning platform from home and in school and will do this safely.</p> <p>Children will be able to transfer knowledge of computing to other areas of the curriculum to support learning in other areas.</p> <p>The children will have opportunities to self-assess and respond to learning through the use of Pupil Voice.</p>					