

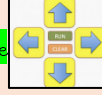














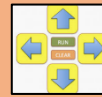

























## Whole School Overview- Computing 2023-24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with a range of 'cause and effect' toys in provision</p> <p>Purple Mash Make a gingerbread man</p>	<p>CLASS BASED <b>Computer Science</b></p>  <p>Programming <b>(Algorithms)</b> Barefoot coding activities BeeBot</p> <p>Follow a bear hunt using the bee bot.</p>	<p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with a range of 'cause and effect' toys in provision</p> <p>Digital Literacy- </p> <p>Use iPads to take photos of themselves</p>	<p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with a range of 'cause and effect' toys in provision</p> <p>Digital Literacy- </p> <p>Jack and the beanstalk interactive game.</p> <p>Use Seesaw drawing tool on the iPads to begin to write their name or draw pictures</p>	<p>Digital Literacy- <b>Online safety</b></p>  <p>National online safety units 1-4 (EYFS units with no follow up activities)</p> <p>Digital Literacy- </p> <p>Use the I pad to play sequencing game.</p>	<p>Digital Literacy- <b>Online safety</b></p>  <p>National online safety units 5-8 (EYFS units with no follow up activities)</p> <p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with the remote-control cars to create a dinosaur land</p>
Reception	<p>CLASS BASED <b>Digital Literacy</b></p>  <p>Purple Mash Explore 2Paint on the computers and mark making</p>	<p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with Code a Pillars in provision</p> <p>Continue to tinker on Mini Mash on Purple Mash</p>	<p>Digital Literacy- <b>Online safety</b></p>  <p>National online safety units 1-4</p> <p>CLASS BASED <b>Computer Science</b></p>  <p>Tinker with BeeBots in provision</p>	<p>Digital Literacy- <b>Online safety</b></p>  <p>National online safety units 5-8</p> <p>Continue to tinker on Mini Mash on Purple Mash. Use 2Paint and Simple city</p> <p>CLASS BASED <b>Computer Science</b></p>  <p>Follow simple instructions given by an adult (algorithm)</p>	<p>CLASS BASED <b>Computer Science</b></p>  <p>Write simple instructions and use these to help program a toy.</p> <p><b>COMPUTING SUITE</b> Digital Literacy- Access the computer suite. Learn the main parts of the computer. Basic controls (in small groups)</p>	<p><b>COMPUTING SUITE</b> Digital Literacy- Access the computer suite. Learn the main parts of the computer. Develop ability to manipulate the mouse. Log in to Mini Mash using their individual username and picture pin</p>
Y1	<p>Digital Literacy- Introduction to computing</p>  <p><b>BASIC SKILLS</b></p>	<p>Digital Literacy- <b>Online safety</b></p> <p>National online safety units 1-4</p> <p><b>BASIC SKILLS</b></p>	<p><b>Computer Science</b> Programming Mazes Purple Mash Unit 1.5</p> 	<p><b>Computer Science</b> Coding Purple Mash Unit 1.7 Begin using Daisy the Dinosaur app</p> 	<p>CLASS BASED <b>Information Technology</b></p>  <p>Animated stories Purple Mash Unit 1.6</p>	<p>Digital Literacy- <b>Online safety</b></p>  <p>National online safety units 5-8</p> <p><b>BASIC SKILLS</b></p>

<p>Y2</p>	<p>Digital Literacy- Online Safety National online safety units 1-4</p> <p><b>BASIC SKILLS</b></p>	<p>Computer Science Programming (Algorithms)</p> 	<p>Computer Science Programming Purple Mash Unit 2.1 Coding</p> <p><b>BASIC SKILLS</b></p>	<p>Digital Literacy- Information Technology Purple Mash Unit 2.5 Effective Searching</p>  <p>Computer Science Scratch Jr <b>BASIC SKILLS</b></p> 	<p>Information Technology Spreadsheets Purple Mash unit 2.3</p>  <p><b>BASIC SKILLS</b></p>	<p>Online safety National online safety units 5-8</p> 
<p>Y3</p>	<p>Digital Literacy- Online Safety National online safety units 1-4</p> <p><b>BASIC SKILLS</b></p> 	<p>Computer Science Programming Purple Mash 3.1 Coding</p>  <p><b>BASIC SKILLS</b></p>	<p>Information Technology Spreadsheets Purple Mash 3.3</p>  <p>Computer Science Digital Literacy Networks- Year 3</p> 	<p>Digital Literacy- Information Technology Email Purple Mash Unit 3.5</p>  <p><b>BASIC SKILLS</b></p>	<p>Computer Science Programming- Scratch 3</p>  <p><b>BASIC SKILLS</b></p>	<p>Online safety National online safety units 5-8</p> 

<p>Y4</p>	<p>Digital Literacy- <b>Online Safety</b> National online safety units 1-4</p> 	<p>Information Technology Effective searching Purple Mash unit 4.7</p>  <p><b>BASIC SKILLS</b></p>	<p>Information Technology Animation Purple Mash unit 4.6 followed by stop motion work on iPads</p>  <p><b>BASIC SKILLS</b></p>	<p>Computer Science Programming Scratch 3- Smoking Car</p>  <p><b>BASIC SKILLS</b></p>	<p>Information Technology Spreadsheets Purple Mash unit 4.3</p>  <p><b>BASIC SKILLS</b></p>	<p>Computer Science Digital Literacy Networks- Y4</p>  <p><b>Online safety</b> National online safety units 5-8</p> 
<p>Y5</p>	<p>Digital Literacy- <b>Online Safety</b> National online safety units 1-4</p> 	<p>Computer Science Programming Scratch 3- Simulate physical systems</p>  <p><b>BASIC SKILLS</b></p>	<p>Information Technology Animation Powerpoint animation of the phases of the moon</p>  <p><b>BASIC SKILLS</b></p>	<p>Information Technology Spreadsheets Purple Mash unit 5.3</p>  <p><b>BASIC SKILLS</b></p>	<p>Computer Science Digital Literacy Networks- Y5</p>  <p><b>BASIC SKILLS</b></p>	<p>Digital Literacy- <b>Online Safety</b> National online safety units 5-8</p> <p><b>BASIC SKILLS</b></p>
<p>Y6</p>	<p>Digital Literacy- <b>Online Safety</b> National online safety units 1-4</p> <p><b>BASIC SKILLS</b></p> 	<p>CLASS BASED- Information Technology Blogging Purple Mash unit 6.4</p> 	<p>COMPUTING SUITE Computer Science Programming Scratch 3- Create your own game</p>  <p><b>BASIC SKILLS</b></p>	<p>COMPUTING SUITE Information Technology Spreadsheets Purple Mash unit 6.9 Excel (need laptops)</p>  <p><b>BASIC SKILLS</b></p>	<p>Digital Literacy- <b>Online Safety</b> National online safety units 5-8</p> 	



Online Safety



Programming



Animation



Communication



Networks



Data handling



Searching

These symbols show the main themes that thread throughout the computing curriculum. There are other underlying themes and threads, mainly involving the use of Office programs that can't be seen here. The progression document details the skills that children should be taught in each year group in relation to basic skills in Office.

These symbols can also be seen in the long term plan and on the skills progression document