



## 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**

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

**Hollin Primary School**  
**Computing Curriculum Map 2022-2023**

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

