



# Computing Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Overarching E-safety theme: I am Kind & Responsible		Overarching E-safety theme: I am Safe and Secure		Overarching E-safety theme: I am Healthy	
<b>EYFS</b>	<p>Each term the children will develop their curiosity, questioning and everyday problem solving (Computational Thinking) skills alongside their understanding of our technologically diverse world.</p> <p>Children will solve problems by playing and exploring (tinker); making, checking and fixing things (create); cooperating with others (collaborate) and persevering.</p> <p>They will learn to:</p> <ul style="list-style-type: none"> <li>describe and compare what they have noticed;</li> <li>explain the choices they have made;</li> <li>explain why things happen;</li> <li>break down the sequence of how they have solved a problem and</li> <li>share their learning (by recording sounds, images (photographs, videos, pictures) and text (labels)).</li> </ul>					
<b>Year 1</b>	<p><b>E-Safety:</b> Evaluating Content, Reporting/ Supporting</p> <p><b>Programming 1</b> Core: Move my Beebot</p> <p>Technology in our lives = TIOL</p>	<p><b>E-Safety:</b> Kindness</p> <p><b>Multimedia 1</b> Core: Describing my toys (<i>link to science foci - animals</i>)</p> <p><b>TIOL 1</b> Core: Discovering My Technology (<i>also links to History unit development of technology through time</i>)</p>	<p><b>E-Safety:</b> Relationships, Privacy &amp; Protecting * Devices (*links to PSHE unit ES 1/2 E-safety - Me &amp; My Online Identity)</p> <p><b>Programming 2:</b> Choice BeeBot Plus</p>	<p><b>E-Safety:</b> Privacy *</p> <p><b>Data Handling 1</b> Core: Counting my information (<i>link to History houses &amp; homes so may move to same term</i>)</p> <p><b>Multimedia 3</b> Choice: Make My Animation</p>	<p><b>E-Safety:</b> Age appropriate</p> <p><b>Programming 4:</b> Choice Debug my programs (in JIT)</p>	<p><b>E-Safety:</b> Lifestyle choices</p> <p><b>Data Handling 2</b> Choice: Present my weather information **</p> <p><b>TIOL 3</b> Choice: Sharing my Learning ** (<i>both units link to Geography Project weather across the UK</i>)</p>
<b>Year 2</b>	<p><b>E-Safety:</b> Reporting /Supporting &amp; Evaluating</p> <p><b>Programming 5</b> Core: Fix my factory</p> <p><b>Multimedia 1</b> Core: Present my information</p>	<p><b>E-Safety:</b> Kindness</p> <p><b>Data Handling 1</b> Core: Sort my shapes</p> <p><b>TIOL 2</b> Core: Do I trust my internet?</p>	<p><b>E-Safety:</b> Relationships and Privacy</p> <p><b>Multimedia 3</b> Choice: News Report</p>	<p><b>E-Safety:</b> Protecting devices</p> <p><b>TIOL 3</b> Choice: My Internet Search</p> <p><b>Programming 3</b> Choice: Drawing Shapes</p>	<p><b>E-Safety:</b> Age appropriate</p> <p><b>Programming 2</b> Choice: Floor Robot</p>	<p><b>E-Safety:</b> Lifestyle choices</p> <p><b>Data Handling 3</b> Choice: Habitat investigation</p>
<b>Year 3</b>	<p><b>E-Safety:</b> Kindness</p> <p><b>TIOL 1</b> Core: My Safe Searching</p> <p>BL Yr3: Basic Skills unit (<i>using IT to support my learning</i>)</p>	<p><b>E-Safety:</b> Kindness / Evaluating Content / Reporting &amp; Supporting</p> <p><b>Programming 1</b> Core: Making My Program in Scratch</p> <p><b>Data Handling 2</b> Choice: My Top Trump Database</p>	<p><b>E-Safety:</b> Privacy</p> <p><b>Multimedia 1</b> Core: Make My eBook</p> <p><b>TIOL 4</b> Choice: Evaluate my Animal</p>	<p><b>E-Safety:</b> Privacy / Relationships</p> <p><b>Programming</b> Choice: tbc (<i>links with Geography project</i>)</p>	<p><b>E-Safety:</b> Lifestyle Choices</p> <p><b>Data Handling 3</b> Choice: Helping my Plants to Grow (<i>link to science</i>)</p> <p><b>Programming</b> Choice: tbc (<i>Continue into Summer 2</i>)</p>	<p><b>E-Safety:</b> Age-appropriate / Lifestyle Choices</p> <p><b>Programming</b> tbc <i>continued</i></p> <p><b>Multimedia 2</b> Choice: My art in different styles (<i>links with Geography project</i>)</p>

<p><b>Year 4</b></p>	<p><b>E-Safety:</b> Agreement  <b>TIOL 1</b> Core: Check my facts  <b>Programming 1</b> Core: My Scratch Games</p>	<p><b>E-Safety:</b> Evaluating Content  <b>TIOL 2</b> Choice: Where is my information?  <b>Data Handling 1</b> Core: Investigating my sounds</p>	<p><b>E-Safety:</b> Privacy / Relationships  <b>Multimedia 1</b> Core: My Comic Book</p>	<p><b>E-Safety:</b> Protecting devices  <b>Programming 5</b> Choice: My scratch maths patterns</p>	<p><b>E-Safety:</b> Self-image / Lifestyle Choices  <b>Programming 3</b> Choice: Scratch Knowing my tables with Kodu  <b>Data Handling 2</b> Choice: My favourite games</p>	<p><b>E-Safety:</b> Age-appropriate / Lifestyle Choices  <b>Multimedia 3</b> Choice: My Mystery Movie</p>
<p><b>Year 5</b></p>	<p><b>E-Safety:</b> Evaluating Content  <b>TIOL 1</b> Core: Improving my web detective skills  <b>Programming 1:</b> Scratch Roman Numerals (&amp; Aut 2)</p>	<p><b>E-Safety:</b> Kindness  <b>Programming 1:</b> Scratch Roman Numerals (<i>cont'd</i>)  <b>Multimedia 2</b> Choice: My weather forecast</p>	<p><b>E-Safety:</b> Privacy  <b>Multimedia 1</b> Core: Presenting my information  <b>Programming 4</b> Choice: Ping My Scratch Game (&amp; Sp2)</p>	<p><b>E-Safety:</b> Relationships  <b>Programming 4</b> Choice: Ping My Scratch Game (<i>cont'd</i>)  <b>Data Handling 1</b> Core: Discovering my solar system</p>	<p><b>E-Safety:</b> Self-image  <b>Programming 3:</b> My Scratch Merry Go Round</p>	<p><b>E-Safety:</b> Lifestyle Choices  <b>Data Handling 2</b> Choice: Measuring Rainfall &amp; My Water Usage  <b>TIOL 4</b> Choice: Evaluate my Animal.</p>
<p><b>Year 6</b></p>	<p><b>E-Safety:</b> Reporting / Supporting  <b>Programming 1</b> Core: Scratch (<i>link to maths times table, science animals</i>)  <b>Data Handling 3</b> Choice: Checking my Heart Rate (<i>Delivered during science lessons</i>)</p>	<p><b>E-Safety:</b> Kindness  <b>TIOL 1</b> Core: Move my information - How the internet works  <b>Multimedia 2</b> Choice: My Non-Linear Presentation (<i>use TIOL 1 content</i>)</p>	<p><b>E-Safety:</b> Privacy  <b>Multimedia 1</b> Core: Sell My School (<i>Creating promotional videos / Thinglink</i>)</p>	<p><b>E-Safety:</b> Relationships  <b>Data Handling 1</b> Core: Answer my Questions (<i>Databases Excel &amp; Access - linked to a significant World sporting event</i>)</p>	<p><b>E-Safety:</b> Self-image  <b>Programming 3</b> Choice: My LOGO Web &amp; function machines (<i>link to art Sue Averell – landscapes</i>)</p>	<p><b>E-Safety:</b> Lifestyle Choices  <b>Programming 2</b> Choice: My Topic Model (<i>project - showcase programming skills choose Kodu, Scratch or other programming software</i>)  <b>TIOL 3</b> Choice: Sharing My Knowledge</p>