



Whole school curriculum overview: Computing

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p>Motion</p> <p>Control motion by specifying the number of steps to travel, direction and turn.</p>	<p>E-Safety</p> <p>To know that there are risks associated with being online</p>	<p>E-Safety</p> <p>Understand the need for rules to keep them safe when exchanging learning and ideas online</p>	<p>E-Safety</p> <p>Understand the need for rules to keep them safe when exchanging learning and ideas online</p>	<p>E-Safety</p> <p>Demonstrate knowledge of how to minimise risk and report problems.</p>	<p>E-Safety</p> <p>demonstrate knowledge of how to minimise risk and report problems.</p>
Autumn 2	<p>To code</p> <p>Purple Mash</p> <p>Looks and Sound</p> <p>E-Safety</p>	<p>To code</p> <p>Purple Mash – chimp</p> <p>CONSOLIDATE y1</p>	<p>To Code</p> <p>Purple Mash – chimp</p> <p>experiment with variables to control models</p>	<p>To Code</p> <p>Purple Mash – chimp & gibbon</p> <p>experiment with variables to control models and images</p>	<p>To Code</p> <p>Set IF conditions for movements.</p>	<p>To Code</p> <p>Use IF THEN ELSE conditions to control events or objects.</p>
Spring 1	<p>To Create</p> <p>Capture images with a camera/iPad</p> <p>To connect and E-Safety</p> <p>Select images for blog</p>	<p>To create</p> <p>Draw</p> <p>Control and create drawings</p> <p>Events</p> <p>Create conditions for actions</p>	<p>To Connect</p> <p>Purple Mash email and Class blog</p>	<p>To Connect</p> <p>Purple Mash email and Class blog</p>	<p>To Connect</p> <p>Uploading and editing</p>	<p>To measure</p> <p>Use ICT to measure sound, light or temperature using sensors and interpret the data</p>
Spring 2	<p>To collect</p> <p>Use simple databases to record information.</p>	<p>To collect</p> <p>Use simple databases to record information.</p>	<p>To collect</p> <p>Devise and construct databases</p>	<p>To collect</p> <p>Devise and construct databases for purpose in areas across the curriculum.</p>	<p>To collect</p> <p>Devise, construct and manipulate data</p>	<p>To collect</p> <p>Devise, construct and manipulate data and present it in an effective and professional manner.</p>
Summer 1	<p>To connect</p> <p>Participate in class social media accounts.</p> <p>E-Safety</p>	<p>To connect</p> <p>Participate in class social media accounts.</p> <p>Use applications to communicate</p>	<p>To communicate</p> <p>Purple Mash 2 -email</p>	<p>To communicate</p> <p>Purple Mash 2-email</p>	<p>To Code</p> <p>Gorilla & Gibbon Purple Mash</p> <p>Use of pens with movement</p>	<p>To Code</p> <p>Gorilla & Gibbon Purple Mash</p> <p>Use an ICT program to control a number of events for an external device</p>
Summer 2	<p>To Present</p> <p>Word process ideas using a keyboard</p>	<p>To Present</p> <p>Word process a piece of text</p> <p>Experiment with PowerPoint</p>	<p>To Present</p> <p>Create a presentation aimed at a specific audience</p>	<p>To Present</p> <p>Create a presentation aimed at a specific audience</p> <p>To Code</p> <p>Purple Mash – chimp & gibbon</p>	<p>To Code</p> <p>Gorilla & Gibbon Purple Mash</p> <p>Control a number of events</p>	<p>To Present</p> <p>Use stop motion animation</p>