

1 Computing at Saltford Whole School Program

	Autumn 1 and 2	Spring 1 and 2	Summer 1 and 2
EYFS	<p>Intent Children are encouraged to observe, solve problems, question, make decisions, experiment, predict, and plan in a variety of contexts. By facilitating different opportunities, we wish our children to find out about their environment. Children will also explore the uses and impact of Information and communication technology on their everyday lives.</p> <p>Implementation STEM activities are set up through continuous provision. The use of technology underpins daily learning where appropriate. Children are taught safety online from the start of their school experiences. Children are encouraged to use the language of 'how' and 'why' in all their learning.</p> <p>Impact They use many different forms of technology and are developing a sense of how to be safe online. Demonstrate an understanding of what is right and wrong, and consequences of a particular behaviour. Their range of vocab is increased and they can follow a set of increasingly complex instructions. They recognise, create and describe patterns. They are able to apply their mathematical skills in a variety of contexts.</p>		
Year 1	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am kind and responsible</p> <p>TIOL Discovering my technology</p> <p>Programming Espresso coding 1a</p> <p>Multimedia Making my animated people</p> <p>Handling data Showing my feelings</p> <p>Cross-curricular Art-use dazzle software for firework picture Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am safe</p> <p>TIOL Technology and my toys</p> <p>Programming My moves on screen with 2Go</p> <p>Multimedia Describing my toys</p> <p>Cross curricular Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am healthy</p> <p>Programming Move my bee-bot Espresso coding 1b</p> <p>Handling data Present my weather information</p> <p>Open ended challenges Identify an appropriate challenge-see year 1 curriculum planner</p> <p>Cross curricular Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>
Year 2	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am kind and responsible</p> <p>TIOL My internet search</p> <p>Programming Moving around to fix my factory Espresso coding 2a</p> <p>Multimedia Present my information</p> <p>Cross curricular Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am safe</p> <p>TIOL Technology in my life Do I trust my internet search?</p> <p>Handling data Sorting my shapes</p> <p>Cross curricular Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am healthy</p> <p>Programming Making my moves with scratch junior Espresso coding 2b</p> <p>Multimedia Save my world</p> <p>Handling data My habitat investigation</p> <p>Cross curricular Research topics using infant encyclopaedia/safe search kidz, google</p> <p>Additional unplugged activities to reinforce computational thinking</p>
Year 3	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am kind and responsible</p> <p>Programming Espresso coding 3a and 3b</p> <p>Multimedia Make my eBook</p> <p>Handling data Showing my device time</p> <p>Cross curricular Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am safe</p> <p>TIOL My safe searching Send my email</p> <p>Programming Making my program in scratch</p> <p>Handling data My top trump database</p> <p>Cross curricular Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p>e-Safety I am healthy</p> <p>TIOL Scan my code</p> <p>Programming Bounce my scratch-junior basketball</p> <p>Multimedia My art in different styles</p> <p>Open ended challenges Identify an appropriate challenge-see year 3 curriculum planner</p> <p>Additional unplugged activities to reinforce computational thinking</p>

2 Computing at Salford Whole School Program

<p>Year 4</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am kind and responsible</p> <p><u>Programming</u> Espresso coding 4a ad 4b</p> <p><u>Multimedia</u> My comic book</p> <p><u>Handling data</u> Investigating my sounds</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am safe</p> <p><u>TIOL</u> Check my facts Where is my information?</p> <p><u>Programming</u> My scratch games</p> <p><u>Handling data</u> My detective work</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am healthy</p> <p><u>TIOL</u> Blog my technology</p> <p><u>Programming</u> Knowing my times tables with Kodu</p> <p><u>Multimedia</u> My mystery iMovie</p> <p><u>Open ended challenges</u> Identify an appropriate challenge-see year 4 curriculum planner</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>
<p>Year 5</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am kind and responsible</p> <p><u>TIOL</u> Improve my web detective skills</p> <p><u>Programming</u> Scratch my Roman numerals</p> <p><u>Handling data</u> Discovering my solar system</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am safe</p> <p><u>TIOL</u> Exploring my world</p> <p><u>Programming</u> Espresso coding -Discovering coding</p> <p><u>Multimedia</u> Presenting my persuasion</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am healthy</p> <p><u>TIOL</u> My online community</p> <p><u>Programming</u> Ping my scratch game</p> <p><u>Multimedia</u> My sound, my mood</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>
<p>Year 6</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am kind and responsible</p> <p><u>TIOL</u> Move my information</p> <p><u>Programming</u> Test my topic with scratch</p> <p><u>Handling data</u> Answer my questions</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am safe</p> <p><u>TIOL</u> <u>Using my information</u></p> <p><u>Programming</u> My Logo web and function machines</p> <p><u>Multimedia</u> Sell my school</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>	<p>Basic skills to be taught throughout the year to support learning across the curriculum.</p> <p><u>e-Safety</u> I am healthy</p> <p><u>TIOL</u> Sharing my knowledge</p> <p><u>Programming</u> Espresso coding-Discovering coding</p> <p><u>Multimedia</u> My non-linear presentation</p> <p><u>Cross curricular</u> Research topics using google, topic based websites</p> <p>Additional unplugged activities to reinforce computational thinking</p>