

# Computing Curriculum Building Year 2 (e-Safety part of PSHE/SRE)

Select core block and at least one choice block from each colour/area of computing to add to yearly plan



Support Services  
for Education



Autumn Term	Spring Term	Summer Term
<p><b>e-Safety – CORE</b> Lessons within PSHE/SRE (For planning see Gigabyte BYTE Award)</p> <p><b>I am kind and responsible</b></p> <p>Agree class internet rules based on personal responsibilities. Cyberbullying messages part of Anti-bullying week.</p>	<p><b>e-Safety – CORE</b> Lessons within PSHE /SRE (For planning see Gigabyte BYTE Award)</p> <p><b>I am safe</b></p> <p>Keep personal details private, consider who you are talking to online and ensure a trusted adult knows what you are doing online. Safer Internet Day or Week focuses on use of the internet, different devices and technologies.</p>	<p><b>e-Safety – CORE</b> Lessons within PSHE/SRE (For planning see Gigabyte BYTE Award)</p> <p><b>I am healthy</b></p> <p>Age-appropriate and healthy use of technology (age indicators for games, time spent online and sites used). Make part of a Health week.</p>
<p><b>Programming 1 - CORE</b></p> <p>Year 2 Moving Around to Fix My Factory 3 sessions</p> <ul style="list-style-type: none"> <li>Follow instructions to move through obstacle course</li> <li>Talk through algorithms</li> <li>Work through levels 1 – 6 Fix the Factory</li> <li>Debug sequences</li> <li>Build word bank for programming</li> </ul>	<p><b>TIOL 1 - CORE</b></p> <p>Year 2 Technology in My Life 2 sessions</p> <ul style="list-style-type: none"> <li>Think about technology</li> <li>Present the technology as a day timeline</li> <li>Talk about the benefits of using technology</li> <li>Look at a map of a town and talk about the different technologies that are used</li> </ul>	<p><b>Programming 4 – CHOICE</b></p> <p>Year 2 Making My Moves with Scratch Jr 4 sessions</p> <ul style="list-style-type: none"> <li>Use blue programming blocks to make cat move</li> <li>Use trigger blocks to start a sequence</li> <li>Investigate speed block and create a race</li> <li>Add hide, show and tell blocks</li> <li>Create a wizard scene</li> </ul>
<p><b>Multimedia 1 – CORE</b></p> <p>Year 2 Present My Information 4+1 sessions</p> <ul style="list-style-type: none"> <li>Explore ways in which we can present information</li> <li>Present information we have researched</li> <li>Develop key board skills</li> <li>Share the information with others using a class blog, school website, etc</li> </ul>	<p><b>Handling Data 1 – CORE</b></p> <p>Year 2 Sorting My Shapes 5/6 sessions</p> <ul style="list-style-type: none"> <li>Explore and sort shapes</li> <li>Create block graph of 2D shapes</li> <li>Make a decision tree</li> <li>Explore and sort Furbles</li> <li>Use a branching data base</li> <li>Create pictogram of Furbles</li> </ul>	<p><b>Multimedia 4 – Choice</b></p> <p>Year 2 Save My World 3 sessions</p> <ul style="list-style-type: none"> <li>Consider and research environmental concerns</li> <li>Storyboard and plan resources to represent an environmental issue</li> <li>Practise and evaluate use of stop motion animation app or software</li> <li>Create a stop motion video about environmental issue</li> </ul>
<p><b>TIOL 3 - CHOICE</b></p> <p>Year 2 My Internet Search 5 sessions</p> <ul style="list-style-type: none"> <li>Talk about the Internet</li> <li>Use search engines to find specific information</li> <li>Search and navigate through simple information sites</li> <li>Use the internet (blog or school website) to share learning</li> </ul>	<p><b>TIOL 2 – CORE</b></p> <p>Year 2 Do I Trust My Internet Search? 2/3 sessions</p> <ul style="list-style-type: none"> <li>Think about 'What is the internet?'</li> <li>Look at the validity of Tomato Spider website</li> <li>Consider where the information on school website comes from</li> <li>Make own creature and information on a 'website'</li> </ul>	<p><b>Handling Data 3 – CHOICE</b></p> <p>Year 2 My Habitat Investigation 2 sessions</p> <ul style="list-style-type: none"> <li>Use photos to think about where snails like to live</li> <li>Use photos and block graphs to show findings of investigation</li> </ul>
<p><b>Programming Espresso coding</b></p>		<p><b>Programming Espresso coding</b></p>



Build a broad and balanced curriculum for your learners



Develop computational thinking and creativity



Increase e-Safety behaviour and responsibility as part of each activity