

Autumn	Spring	Summer	
<p><b>e-Safety – CORE</b></p> <p>Lessons within PSHE/SRE (For planning see Petabyte BYTE Award)</p> <p><b>I am kind and responsible</b></p> <p>Agree class internet rules based on personal responsibilities.</p> <p>Cyberbullying messages part of Anti-bullying week.</p>	<p><b>e-Safety – CORE</b></p> <p>Lessons within PSHE /SRE (For planning see Petabyte 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></p> <p>Lessons within PSHE/SRE (For planning see Petabyte 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 5 Scratch My Roman Numerals 5 sessions</p> <ul style="list-style-type: none"> <li>Review knowledge of Scratch</li> <li>Use Scratch to help count in number sequences</li> <li>Create a program that counts in number sequences</li> <li>Record voices to add to Scratch counting program</li> <li>Create a program to count in Roman numerals</li> <li>Combine counting programs</li> </ul>	<p><b>Multimedia 1 – CORE</b></p> <p>Year 5 Presenting My Persuasion 5 sessions</p> <ul style="list-style-type: none"> <li>Consider what makes a presentation interesting</li> <li>Design a presentation to persuade an audience about a particular viewpoint or argument</li> <li>Compare two presentation tools</li> <li>Make a presentation on a topic to support learning</li> </ul>	<p><b>Programming 4 – CHOICE</b></p> <p>Year 5 Ping My Scratch Game 6 sessions</p> <ul style="list-style-type: none"> <li>Make sprite move using a limited number of blocks</li> <li>Make a Maths Cat that solves number puzzles</li> <li>Use Scratch to create a Ping Pong game, controlling two sprites and including variables and sounds in their program</li> </ul>	<p><b>Basic Skills</b> (to support my learning across the curriculum)</p> <ul style="list-style-type: none"> <li>Use a secure personal log in for a variety of online resources</li> <li>Combine appropriate apps through the use of the camera roll on a tablet</li> <li>Combine software to achieve effective outcomes.</li> <li>Work collaboratively on documents and presentations</li> <li>Create hyperlinks within and between documents</li> <li>Identify three online sources to check information</li> <li>Use keyboard to confidently input text, characters and numbers</li> <li>Use bullet points</li> <li>Add text boxes</li> <li>Move, resize and rotate shapes, text and pictures</li> <li>Use common keyboard shortcuts on laptops and PCs</li> </ul>
<p><b>Handling Data 1 – CORE</b></p> <p>Year 5 Discovering My Solar System 4 sessions</p> <ul style="list-style-type: none"> <li>Collect, record and analyse data about planets using 2Investigate</li> <li>Interrogate each other's databases</li> </ul>	<p><b>TIOL 2 – CHOICE</b></p> <p>Year 5 Exploring My World 2 sessions</p> <ul style="list-style-type: none"> <li>Explore the world using Google Earth and look at the layers of information contained in the tool</li> <li>Create and record a virtual tour from their home to school and another destination</li> <li>Create a presentation about their dream destination</li> </ul>	<p><b>TIOL 3 - CHOICE</b></p> <p>Year 5 My Online Community 2 sessions</p> <ul style="list-style-type: none"> <li>Explore projects in the Scratch online community and discover possibilities</li> <li>Talk about responsible use of Scratch online and the consequences of misuse</li> <li>Add encouraging comments to projects</li> <li>Talk about use of a studio</li> <li>Create projects and comment on friends</li> <li>Talk about how an online community can help their learning. Use Tocomail to send an email to a class partner</li> </ul>	<p><b>Additional unplugged activities to reinforce computational thinking</b></p> <p><b>2D Shape Drawing</b> (40 minutes)</p> <ul style="list-style-type: none"> <li>Follow an algorithm to draw pictures constructed from 2D shapes.</li> <li>The algorithms they follow will include errors and children will use logical reasoning to detect and correct these.</li> </ul> <p>Sign up free to <a href="#">Barefoot Computing</a>.</p> <p><b>Robotic Paper Cups</b> (50 minutes)</p> <ul style="list-style-type: none"> <li>Children split into groups</li> <li>'Robot' from each group set a different task outside classroom</li> <li>Groups create algorithm and program for cup stack</li> <li>'Robot' is programmed to build stack</li> </ul>
<p><b>TIOL 1 - CORE</b></p> <p>Year 5 Improve My Web Detective Skills 3 sessions</p> <ul style="list-style-type: none"> <li>Consider the difference between the Internet and the World Wide Web and how they are linked</li> <li>Discuss how information online may not be accurate or reliable</li> <li>Create a checklist to ensure that the information they are using is accurate</li> </ul>	<p><b>Programming 3 – CHOICE</b></p> <p>Year 5 Discovery Coding 4 sessions</p>	<p><b>Multimedia 3 – CHOICE</b></p> <p>Year 5 My Sound, My Mood 2 sessions</p> <ul style="list-style-type: none"> <li>Discuss how music affects our impression of a video clip and the way we feel</li> <li>Create a piece of music to accompany fictional writing and add atmosphere</li> <li>Find sound effects to add to a piece of writing</li> <li>Record story and combine narration with sound</li> </ul>	