



# Computing Planning Overview

## Autumn Term

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
E-Safety	Digital media	Programming	Digital publishing	Data and publishing	Web development (coding)
<ul style="list-style-type: none"> <li>E-Safety introduction</li> </ul> <p>Safe use of technology - electronic devices</p> <p>Develop use of iPads</p> <ul style="list-style-type: none"> <li>Using technology</li> </ul> <p>What is technology?</p> <p>Talking about uses of computing in their homes - switching on washers, TV programming (Tivo) iPads</p> <ul style="list-style-type: none"> <li>Using the internet</li> </ul> <p>E-safety - keeping safe</p> <p>Control toys and devices bee bots (sequencing and instructions)</p>	<ul style="list-style-type: none"> <li>E- Safety</li> </ul> <p>Develop understanding, develop keyboard skills/typing speed</p> <p>Safe use of technology poster</p> <ul style="list-style-type: none"> <li>Programming and control</li> </ul> <p>Scratch jr, understand algorithms</p> <p>Create and debug simple programs e.g. human algorithms</p> <ul style="list-style-type: none"> <li>Digital imagery</li> </ul> <p>iPad or paint draw a harvest picture</p>	<ul style="list-style-type: none"> <li>E- Safety</li> </ul> <p>Cont to develop awareness - esp photos, online searching, cyber bullying, using internet (develop key questions to search for specific info, use favourites toolbar - be able to describe process )</p> <ul style="list-style-type: none"> <li>Algorithms</li> </ul> <p>Create more complex algorithms in scratch, light bot on iPad</p> <ul style="list-style-type: none"> <li>Digital publishing</li> </ul> <p>Creating/publishing word processing, Sway , PPoints create posters/ leaflets etc</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p>Children Creating and Publishing - create Sway based on topic, E-Safety - sharing images/videos</p> <ul style="list-style-type: none"> <li>Programming</li> </ul> <p>Children to programming and control - more complex instructions (on scratch etc) begin web development (HTML/CSS)</p> <ul style="list-style-type: none"> <li>Digital media</li> </ul> <p>Create a digital story based around literacy work on a book</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p>Online gaming, keeping info secure (digital footprint)</p> <p>Design and publish Sway on this</p> <ul style="list-style-type: none"> <li>Data</li> </ul> <p>Using data - spreadsheets to collect and collate weather</p> <ul style="list-style-type: none"> <li>Communicating and collaborating online</li> </ul> <p>Email - add ideas/share stories - intro cc and bcc fields - understand all changes are visible - intro MS Teams</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p>Social media (digital footprint) mobile devices.</p> <p>Cyber bullying -</p> <p>Create a booklet/poster/Sway for different year groups.</p> <ul style="list-style-type: none"> <li>Web development</li> </ul> <p>Links to cross curricular creating and publishing a webpage/blog (what we are achieving in Year 6) develop HTML/CSS skills</p> <ul style="list-style-type: none"> <li>Digital media</li> </ul> <p>Liked to still life - manipulate photographs to create a piece of art.</p>