



# Computing Planning Overview

## Spring Term

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Digital publishing	E-Safety	Digital media	Data and publishing	Programming	Communication and collaboration
<ul style="list-style-type: none"> <li>E-Safety introduction</li> </ul> <p>Smartie the penguin an online safety story</p> <p><a href="https://www.childnet.com/resources/smartie-the-penguin">https://www.childnet.com/resources/smartie-the-penguin</a></p> <ul style="list-style-type: none"> <li>Media</li> </ul> <p>Creating and Publishing – add text to photos, graphics, drawings and sounds. Can be done on iPads morpho app</p> <ul style="list-style-type: none"> <li>Using data</li> </ul> <p>Sort objects into groups using given or chosen criteria</p> <ul style="list-style-type: none"> <li>Publishing</li> </ul> <p>Simple Sway based on re-search/theme/story</p> <p>Using images and simple text</p>	<ul style="list-style-type: none"> <li>E- Safety</li> </ul> <p>Sharing images/videos, searching online - appropriate content design poster/leaflet</p> <ul style="list-style-type: none"> <li>Using data</li> </ul> <p>Develop use of pictograms</p> <p><a href="#">Brushes app</a></p> <ul style="list-style-type: none"> <li>Using the internet</li> </ul> <p>Searching online to research a topic <a href="#">Swiggle</a> - use re-search to create a Sway</p> <ul style="list-style-type: none"> <li>Using the internet</li> </ul> <p>Searching online to research a topic <a href="#">Swiggle</a> - use re-search to create a Sway</p>	<ul style="list-style-type: none"> <li>E- Safety</li> </ul> <p>Cyber-bullying, <a href="#">SMART crew</a> are you smart online</p> <ul style="list-style-type: none"> <li>Algorithms</li> </ul> <p>Create more complex algorithms in <a href="#">scratch</a>, light bot on iPad</p> <ul style="list-style-type: none"> <li>Digital publishing</li> </ul> <p>Design your own Stone age comic strip (<a href="#">Strip Design app</a>)</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p>Passwords: setting network passwords. <a href="#">Powerful passwords</a></p> <ul style="list-style-type: none"> <li>Programming</li> </ul> <p>Design an adventure game to then be made in <a href="#">scratch</a> developing greater understanding of coding and coding blocks</p> <ul style="list-style-type: none"> <li>Digital media</li> </ul> <p>Create animations with sound, record and edit video, take photographs, download and edit.</p> <p>Presentation about life in the Viking age</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p>Safe searching and how to use Google advanced search. Identifying trusted websites</p> <ul style="list-style-type: none"> <li>Programming</li> </ul> <p>Microbits - coding using devices borrowed from EDS / Coding an advanced program in Scratch using call and response</p> <ul style="list-style-type: none"> <li>Communicating and collaborating online</li> </ul> <p>Creating and publishing – alternative presentation material. Design and create presentations around a subject using Teams or another collaboration platform.</p>	<ul style="list-style-type: none"> <li>E - Safety</li> </ul> <p><a href="#">#GameOn</a> E-safety series to help students in the transition to secondary school. The reality of <a href="#">Digital Drama</a></p> <ul style="list-style-type: none"> <li>Programming Python</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>Modelling and simulations</li> </ul> <p>Use modelling software like Sketch up to design a building with a clear design purpose.</p>