

## Computing overview



|               | <b>Advent</b>   | <b>Lent</b>   | <b>Pentecost</b>   |
|---------------|---|---|--|
| <b>F1</b>     | By the end of the Foundation Stage most children will: <ul style="list-style-type: none"> <li>• Show an interest in ICT</li> <li>• Know how to operate simple equipment</li> <li>• Complete a simple program on the computer and / or perform simple functions on ICT equipment</li> <li>• Find out about and identify the uses of everyday technology and use information and communication toys to support their learning.</li> </ul> |   |  |
| <b>F2</b>     |   |   |  |
| <b>Year 1</b> | Online safety<br>and exploring Purple Mash<br><br>Grouping and Sorting digital content<br><br>Create and organise digital content in pictograms<br>Instructions<br><br>Algorithms   | Animated stories<br><br>Coding                                  | Spreadsheets<br><br>Recognise technology beyond school<br>Use technology safely and respectfully |
| <b>Year 2</b> | Coding<br><br>Online Safety<br><br>Spreadsheets   | Questioning<br><br>Effective Searching<br><br>Creating pictures | Making Music<br>Presenting ideas   |
| <b>Year 3</b> | Coding<br>Online Safety<br>Spreadsheets   | Touch Typing<br>Email- including email safety                   | Branching databases<br>Simulations<br>Graphing   |
| <b>Year 4</b> | Coding<br>Online Safety<br>Spreadsheets   | Writing for different audiences<br>Logo                         | Animation<br>Effective Search<br>Hardware Investigators  |
| <b>Year 5</b> | Coding<br>Online Safety   | Data Bases<br>Game Creator                                      | 3D Modelling<br>Concept Maps   |

|               | <b>Spreadsheets</b>  |   |                                    |
|---------------|--|---|------------------------------------|
| <b>Year 6</b> | <b>Coding</b><br><b>Online Safety</b><br><b>Spreadsheets</b> | <b>Blogging</b><br><b>Text Adventures</b> | <b>Networks</b><br><b>Quizzing</b> |