



St Mary's Church of England Primary School

EYFS-KS1-KS2 Long Term Computing Plan



| Long Term Computing Plan | | | | | | |
|--|--|---|--|---|---|---|
| Year Group | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
| EYFS | Set up continuous provision in your classroom: Computing through continuous provision | Computing systems and networks Using a computer | Programming 1 All about instructions | Computing systems and networks Exploring hardware | Programming 2 Programming Bee-Bots | Data handling Introduction to data |
| 1 | Computing systems and networks Improving mouse skills Online Safety | Programming 1 <i>Algorithms unplugged</i> Online Safety | Skills showcase <i>Rocket to the moon</i> Online Safety | Programming 2 <i>Programming Bee-Bots</i> Online Safety | Creating media <i>Digital imagery</i> Online Safety | Data Handling <i>Introduction to data</i> Online Safety |
| 2 | Computing systems and networks 1 <i>What is a computer?</i> Online Safety | Programming 1 <i>Algorithms and debugging</i> Online Safety | Computing systems and networks 2 <i>Word processing</i> Online Safety | Programming 2 <i>Introduction to block coding: Scratch Jr (option 2)</i> Online Safety | Creating media <i>Stop motion (option 2)</i> Online Safety | Data Handling <i>International Space Station</i> Online Safety |
| 3 | Computing systems and networks 1 <i>Networks</i> Online Safety | Programming <i>Programming Scratch</i> Online Safety | Computing systems and networks 2 <i>Emailing (option 2)</i> Online Safety | Computing systems and networks 3 <i>Journey inside a computer</i> Online Safety | Creating media <i>Video trailers (option 1)</i> Online Safety | Data Handling <i>Comparison cards databases</i> Online Safety |
| 4 | Computing systems and networks <i>Collaborative learning (option 1)</i> Online Safety | Programming 1 <i>Further coding with Scratch</i> Online Safety | Creating media <i>Website design (option 1)</i> Online Safety | Skills showcase HTML Online Safety | Programming 2 <i>Computational thinking (option 2)</i> Online Safety | Data Handling <i>Investigating weather</i> Online Safety |
| 5 | Computing systems and networks <i>Search Engines</i> Online Safety | Programming 1 <i>Programming Music (option 2)</i> Online Safety | Data Handling <i>Mars Rover 1</i> Online Safety | Programming 2 <i>Micro:bit</i> Online Safety | Creating media <i>Stop Motion Animation (option 1)</i> Online Safety | Skills showcase <i>Mars Rover 2</i> Online Safety |
| 6 Online Safety Term 1 to Term 6 | Computing systems and networks <i>Bletchley Park and the History of Computers</i> | Computing systems and networks <i>Exploring AI</i> | Data Handling <i>Big data 1</i> | Programming <i>Introduction to Python</i> | Data Handling <i>Big data 2</i> | Skills showcase <i>Inventing a product</i> |