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| Computing LTP – Whole School | | | | | |
|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 |
| Nursery | online safety | Exploring cause and effect toys and how they enhance learning in EYFS.  Simple programs that support learning in the EYFS curriculum and develop basic skills. | | | |
| Reception | online safety | **Computing Systems and Networks: Exploring hardware** | **Programming 1:** All about instructions | | **Data Handling**  Introduction to data |
| Year 1 | **Year 1 online safety** | **Computing Systems and Networks**  Improving mouse skills | **Programming**  Algorithms unplugged | **Creating media**  Digital Images | **Programming 2**  Bee-Bot |
| Year 2 | **Year 2 online safety** | **Computer systems and Networks**  What is a computer? | **Programming**  Algorithms and debugging | **Programming**  Scratch Jr | **Data Handling**  International space station |
| Year 3 | **Year 3 online safety** | **Computer systems and Networks**  Networks | **Computer systems and Networks**  Journey inside a computer | **Creating Media**  **(Option 2 – using iPads)**  Video trailers | **Programming**  Programming Scratch |
| Year 4 | **Year 4 online safety** | **Computing systems and**  **Networks**  **(Option 1 - Using Google)**  Collaborative Learning | **Programming**  Further Coding with Scratch | **Data Handling**  Investigating Weather | **Programming**  Computational Thinking |
| Year 5 | **Year 5 online safety** | **Computing systems and**  **Networks**  Search Engines | **Programming**  **(Option 2- Tablet and Chrome Books Users)**  Programming Music | **Data Handling**  **(Option 2- Tablet and Chrome Books Users)**  Mars Rover | **Creating Media**  **(Option 1 - Stop Motion Studio)**  Stop Motion  Animation |
| Year 6 | **Year 6 online safety** | **Computer Systems and Networks**  Bletchley Park | **Data Handling**  Big Data 1 | **Creating Media**  History of Computers | **Programming**  Introduction to Python |
| **Whole School**  (online safety revisited throughout the year) | Staying Safe and Feeling Great Day | Staying Safe and Feeling Great Day | Staying Safe and Feeling Great Day | Staying Safe and Feeling Great Day | Staying Safe and Feeling Great Day |