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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 MotionAnimation |
| 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 |