**Gusford Primary School**

**Computing Long Term Plan**

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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Nursery** | Continuous provision providing opportunities to use technology including cameras, torches and walkie-talkies, keyboards, touchscreen devices, bee-bots and virtual assistant technology. | | | | | |
| **Reception** | Project Evolve: Self-image and Identity | Project Evolve: Online Reputation | Project Evolve: Managing Online Information | Project Evolve: Online Bullying | Project Evolve: Copyright and Ownership | Project Evolve: Privacy and Security |
| **Year 1** | Improving Mouse Skills (Computing Systems and Networks) Project Evolve: Privacy and Security | Algorithms Unplugged (Programming 1) Project Evolve: Online Reputation | Rocket to the Moon (Skills Showcase) Project Evolve: Online Bullying | Programming Bee-Bots (Programming 2) Project Evolve: Managing Online Information | Digital Imagery (Creating Media) Project Evolve: Self-image and Identify | Introduction to Data (Data Handling) Project Evolve: Copyright and Ownership |
| **Year 2** | What is a computer? (Computing Systems and Networks 1) Project Evolve: Online Reputation | Algorithms and Debugging (Programming 1) Project Evolve: Privacy and Security | Word Processing (Computing Systems and Networks 2) Project Evolve: Managing Online Information | Scratch JR (Programming 2) Project Evolve: Online Bullying | Stop Motion (Creating Media) Project Evolve: Copyright and Ownership | International Space Station (Data Handling) Project Evolve: Self-image and Identitiy |
| **Year 3** | Networks and the Internet (Computing Systems and Networks 1) Project Evolve: Online Bullying | Scratch (Programming) Project Evolve: Managing Online Information | Emailing (Computer Systems and Networks 2) Project Evolve: Self-image and Identity | Journey Inside a Computer (Computing Systems and Networks 3) Project Evolve: Copyright and Ownership | Comparison Cards Database (Creating Media) Project Evolve: Privacy and Security | Comparison Cards Databases (Data Handling) Project Evolve: Online Reputation |
| **Year 4** | Collaborative Learning (Computer Systems and Networks) Project Evolve: Managing Online Information | Programming Music (Programming 1) Project Evolve: Online Bullying | Website Design (Creating Media) Project Evolve: Copyright and Ownership | HTML (Skills Showcase) Project Evolve: Self-image and Identify | Computational Thinking (Programming 2) Project Evolve: Online Reputation | Investigating Weather (Data Handling) Project Evolve: Privacy and Security |
| **Year 5** | Search Engines (Computing Systems and Networks) Project Evolve: Self-image and Identity | Project Evolve: Copyright and Ownership | Mars Rover 1 (Data Handling) Project Evolve: Privacy and Security | Micro:bit (Programming 2) Project Evolve: Online Reputation | Stop Motion Animation (Creating Media) Project Evolve: Online Bullying | Project Evolve: Managing Online Information |
| **Year 6** | Bletchley Park 1 (Computer systems and networks) Project Evolve: Copyright and Ownership | Introduction to Python (Programming) Project Evolve: Self-image and Identify | Big Data 1 (Data Handling) Project Evolve: Online Reputation | History of Computers (Creating Media) Project Evolve: Privacy and Security | Big Data 2 (Data Handling) Project Evolve: Manage Online Information | Inventing a Product (Skills Showcase) Project Evolve: Online Bullying |