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| **St Joseph’s RC Primary School**  **MGL Computing Long Term Plan**  DL=Digital Literacy CS=Computer Science IT=Information Technology | | | | | | |
|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Nursery** | I Am a Super Surfer | I Am a Super Surfer | Look at What I Can do | Look at What I Can do | I am a Computer Scientist | I am a Computer Scientist |
| **Reception** | I Am a Super Surfer | I Am a Super Surfer | Look at What I can Do | Look at What I can Do | I am a Computer Scientist | I am a Computer Scientist |
| **Year 1** | Basic Computing Skills  (IT) | Using text-based programs to process and format text and images  (DL) | Data collection and representation using Pictograms  (IT) | Presenting Information  (IT) | Unplugged Algorithms  (CS) | Programming, coding & robotics  (CS) |
| **Year 2** | What is a computer?  (IT) | Modifying text and images  (IT) | Presenting information  (IT/DL) | Storing and Presenting Data  (DL) | Unplugged Algorithms  (CS) | Programming using Scratch Jr  (CS) |
| **Year 3** | Publishing Online Content  (IT/DL) | Inside a computer  (CS) | Introduction to Scratch  (CS) | Prediction and Debugging  (CS) | Altering Media  (IT) | Composing Emails  (IT) |
| **Year 4** | Smarter Searching and Online Safety  (DL) | Pixel Art  (IT) | Repetition and Forever Loops  (CS) | Designing a Game  (CS) | Branching Databases  (IT) | Making a special effects movie  (IT) |
| **Year 5** | Using Variables  (CS) | Coding using Micro:Bits  (CS) | Create and search databases  (IT) | Stop motion animation  (IT) | 3D modelling  (IT) | The Internet & The World Wide Web  (CS) |
| **Year 6** | Programming a Game  (CS) | Edublocks – Introduction to Python  (CS) | Creating Formula in Excel  (IT) | Social Media & Being Safe Online  (IT/DL) | Creating a Podcast  (IT) | HTML  (IT) |