**Windsor Schools Computing Curriculum**

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| **YEAR GROUP** | **T1****ALGORITHMS / COMPUTER SCIENCE** | **T2****PHYSICAL PROGRAMMING** | **T3****E-SAFETY WEEK** | **T3****INTERNET & ONLINE TECHNOLOGY** | **T4****DATA HANDLING** | **T5** **MULTIMEDIA** | **T6****VISUAL PROGRAMMING** |
| 1 | **Technology Around Us**Recognise common uses of information technology beyond school and make use of a range of technology and software available in school | **Programming - Bee-bot Tinkering** | **E-Safety through stories**Digiduck's Big Decision and Smartie the Penguin | **Navigating the Internet** | **Presenting and sorting data -** Pictograms and bar charts, sorting activities | **Working with images and sound**Art packageMusic software / audio recordingWe Are Sharing | **Modelling & Simulation**Physical to Abstract ideas[**https://slp.somerset.gov.uk/cypd/elim/somersetict/Site%20Pages/Progressions%20-%20Modelling%20and%20Simulation.aspx**](https://slp.somerset.gov.uk/cypd/elim/somersetict/Site%20Pages/Progressions%20-%20Modelling%20and%20Simulation.aspx) |
| 2 | **Algorithms** Barefoot Computing Projects | **Programming - Routes**Bee-bot / Human robots | **Lee & Kim's Big Adventure** | **Internet research and safe searching** | **Capturing and presenting data -**digital camera, video, microphone, data logger | **Combining text, images and sound** - Story tellingWe Are Cooking | **Scratch Junior Tinkering** |
| 3 | **Computational Thinking - Exploring simulations** | **Programming – Robots**LightBot & Probots | **Hector's World** | **Understanding the Internet and evaluating digital content** | **Data Handling - An introduction to databases**[**http://csunplugged.org/databases**](http://csunplugged.org/databases) | **Animation / Movie Maker** | **Scratch animation**We are Programmers |
| 4 | **Computer Science unplugged / Computing Theory**[**http://www.simonhaughton.co.uk/computing-theory-for-7-to-11-year-olds.html**](http://www.simonhaughton.co.uk/computing-theory-for-7-to-11-year-olds.html) | **Programming – Shapes**Probots / Scratch 2D Shapes and crystal flowers | **Captain Kara and the Smart Crew** | **Communicating online****Blogging / E-Mail** | **Analyse & Present Data – Class Survey**Introduce spreadsheets and simple formula | **Powerpoint with hyperlinks**We Are Botanists / Interactive story | **Scratch Irish Computer Society Projects**[**http://scratch.ie/primary/resources**](http://scratch.ie/primary/resources) |