**Curriculum Overview by Year Group**

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|  | **Autumn 1** | | | **Autumn 2** | | **Spring 1** | | **Spring 2** | | **Summer 1** | | | **Summer 2** |
| **Year 1** | E-safety: Project Evolve Self Image & Identity  Online Relationships | | Information Technology  Typing training. | E-safety: Project Evolve Online Bullying  Health Wellbeing & Lifestyle | E-safety:  Safe Internet Use | E-safety: Project Evolve Privacy & Security | | E-safety: Project Evolve Copyright & Ownership | | Information Technology: Potty Painters - Digital Art and book design | | | Computer Science: Scratch Jnr - introduction and fundamentals |
| Coding with Tynker JR | Digital Literacy: Using a computer/device. | | Information Technology: bug hunters Finding, saving, organising, sending, and presenting | |
| **Year 2** | E-safety: Project Evolve  Self Image & Identity  Online Relationships | | | E-safety: Project Evolve Online Bullying Health, Well-being & Lifestyle | | E-safety: Project Evolve  Managing Online Information | | E-Safety: Project Evolve  Copyright & Ownership | Information Technology: Introduction to photo editing. | Information Technology: taking and using photos | | Information Technology: Presentations iOS | Computer Science: Scratch Jnr - introduction and fundamentals |
| Computer Science: Scratch Jnr - introduction and fundamentals | | Digital Literacy: Using search. Typing training. | | Information Technology:  Using a computer.  What is the Internet. |
| **Year 3** | E-safety: Project Evolve  Self Image & Identity Online Relationships | | | E-safety: Project Evolve  Online Reputation Copyright & Ownership | | E-safety: Project Evolve Online Bullying  Health, Well-being and Lifestyle | Computer Science: Lightbot -Algorithms | E-safety: Project Evolve Privacy & Security | | E-safety: Project Evolve Managing Online Information | | | Computer Science: Tynker –  If statements. HTML App Coding |
| **Topic related activities throughout the year.** | Information Technology: Research and develop a topic  Use school current school topic | | Computer Science: Tynker - Animations | | Computer Science: Tynker –  Loops, debugging and events. | | |
| **Year 4** | E-safety: Project Evolve  Self Image and Identity  Online Relationships  Privacy and Security  Copyright and ownership | | | E-safety: Project Evolve Online Bullying | Information Technology:  Email | E-safety: Project Evolve  Health, Well-being & Lifestyle | | E-safety: Project Evolve  Online Reputation | | E-safety: Project Evolve Managing Online Information | | | Computer Science: Scratch Creation of controllable maze game. |
| Computer Science: Networks:  Understanding the different ways computer communicate | Information Technology:  Word processing  PowerPoint | Information Technology:  Photo Editing -  Functions | Computer Science: Tynker - Algorithms Conditions, Functions and App design | | Information Technology: Stop motion animation | | |
| **Year 5** | E-safety: Project Evolve  Self Image and Identity  Online Relationships | E-safety: Project Evolve  Copywrite and ownership | | E-Safety: Project Evolve  Online Bullying | Computer Science: Networks: Search Algorithms | E-safety: Project Evolve  Online Reputation | E-safety: Project Evolve  Managing Online Information | | | E-safety: Project Evolve  Health, Wellbeing and Lifestyle | E-safety: Project Evolve  Privacy and Security | | Computer Science: Microsoft Kodu –  Advanced game creation |
| **Topic related activities throughout the year.** | Information Technology: Using shared cloud documents  Use school current school topic | | Computer Science: Spreadsheets – Using Formula to automate mathematical problems. | Computer Science: Lightbot –  Algorithms Procedures. Loops and Debugging | Computer Science: Scratch –  Simple Game creation | | Information Technology: Animation through varied apps | Information Technology: Website creation. SharePoint  Use school current school topic | |
| **Year 6** | E-safety: Project Evolve  Self-Image and Identity  Online Relationships | | | Information Technology: 3D modelling using Sketchup. | Information Technology:  Creating CVs  **Using IT beyond school** | E-safety: Project Evolve  Online Reputation  Copywrite and Ownership | Information Technology:  Making Videos | E-Safety: Project Evolve  Privacy and Security | | E-Safety: Project Evolve  Online Bullying | E-Safety: Project Evolve Health wellbeing and lifestyle | | E-Safety  Project Evolve  Managing Online information |
| Computer Science: MIT App Inventor  Making an app about secondary schools to take home  **Using IT beyond school** | | Computer Science:  HTML hacking and Python Coding | Information Technology:  ChildNet video competition | | Computer Science:  Swift Playground –  Conditional Code, While loops and Logic. |