**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 EvolveSelf Image & IdentityOnline Relationships | Information Technology Typing training. | E-safety: Project Evolve Online BullyingHealth Wellbeing & Lifestyle | E-safety: Project Evolve Privacy & Security  | E-safety: Project Evolve Copyright & Ownership | E-safety: Project Evolve Managing Online Information | E-safety: Project Evolve Online Reputation  |
| Computer Science: Coding with Tynker JR | Digital Literacy: Using a computer/device. | Information Technology: bug hunters Finding, saving, organising, sending, and presenting | Information Technology: Potty Painters - Digital Art and book design | Computer Science: Scratch Jnr - introduction and fundamentals |
| **Year 2** | E-safety: Project Evolve Self Image & Identity Online Relationships | E-safety: Project EvolveOnline Relationships, Online Bullying | E-safety: Project Evolve Health, Well-being & LifestyleManaging Online Information | E-Safety: Project Evolve Copyright & Ownership | Information Technology: Introduction to photo editing. | E-Safety: Project Evolve Privacy and Security | Information Technology: Presentations iOS | E-Safety: Project Evolve Online Reputation |
| Computer Science: Scratch Jnr - introduction and fundamentals | Digital Literacy: Using search. Typing training. | Information Technology:Using a computer.What is the Internet. | Information Technology: taking and using photos | Computer Science: Scratch Jnr - introduction and fundamentals |
| **Year 3** | E-safety: Project Evolve Self Image & IdentityOnline Relationships | E-safety: Project EvolveOnline ReputationCopyright & Ownership | E-safety: Project Evolve Online BullyingHealth, Well-being and Lifestyle | Computer Science: Lightbot -Algorithms  | E-safety: Project EvolvePrivacy & Security  | E-safety: Project EvolveManaging Online Information | Computer Science: Tynker – If statements. HTML App Coding |
| **Topic related activities throughout the year.** | Information Technology: Research and develop a topicUse school current school topic | Computer Science: Tynker - Animations | Computer Science: Tynker – Loops, debugging and events. |
| **Year 4** | E-safety: Project EvolveSelf Image and IdentityOnline Relationships Privacy and SecurityCopyright and ownership | E-safety: Project EvolveOnline Bullying | E-safety: Project EvolveHealth, Well-being & Lifestyle | E-safety: Project EvolveOnline 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 processingPowerPoint | Information Technology: Photo Editing -Functions | Computer Science: Tynker - Algorithms Conditions, Functions and App design | Information Technology: Stop motion animation |
| **Year 5** | E-safety: Project EvolveSelf Image and IdentityOnline Relationships | E-safety: Project EvolveCopywrite and ownership | E-Safety: Project EvolveOnline Bullying | E-safety: Project Evolve Online Reputation | E-safety: Project EvolveManaging Online Information | E-safety: Project EvolveHealth, Wellbeing and Lifestyle | E-safety: Project EvolvePrivacy and Security | Computer Science: Microsoft Kodu – Advanced game creation  |
| **Topic related activities throughout the year.** | Information Technology: Using shared cloud documentsUse 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. SharePointUse school current school topic |
| **Year 6** | E-safety: Project EvolveSelf-Image and IdentityOnline Relationships | Information Technology: 3D modelling using Sketchup. | E-safety: Project EvolveOnline ReputationCopywrite and Ownership | Information Technology:Making Videos | E-Safety: Project EvolvePrivacy and Security | E-Safety: Project EvolveOnline Bullying | E-Safety: Project Evolve Health wellbeing and lifestyle | E-SafetyProject EvolveManaging Online information |
| Computer Science: MIT App InventorMaking 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. |