Computing Curriculum Overview

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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year 1** | E-safety: Using the internet safely. | Coding with Tynker JR | E-safety: the internet safely | Digital Literacy & E-safety: using a computer/device. Typing training. | Digital Literacy: bug hunters | Digital Literacy: Potty painters | Coding: Scratch Jnr - introduction and fundamentals |
| **Year 2** | E-safety: Staying safe on the internet – Jessie and Friends.  | Digital Literacy & E-safety: Using search. Typing training.  | Coding: Scratch Jnr - introduction and fundamentals | E-safety: Appropriate behaviour online.  | Digital Literacy - using a computer.What is the Internet.  | Digital Literacy: Introduction to photo editing.  | E-safety: Staying safe on the internet. | Digital Literacy: taking and using photos | Coding: Scratch Jnr - introduction and fundamentals |
| **Topic related activities throughout the year.** |
| **Year 3** | E-safety: Google Share with care | Digital Literacy:Computer Networks | Digital Literacy:Email | E-safety: Trust | Digital Literacy: Social media and evaluating search results  | Coding: Animations – Tynker or Code Spark Academy | Coding: Loops, debugging and events.  | Coding: If statements. HTML App Coding |
| **Topic related activities throughout the year.** |
| **Year 4** | E-safety: Google Don’t fall for fake | Digital Literacy: Research and develop a topic | Word processingPowerPoint  | Photo Editing -Editing functions  | Coding: Algorithms -Tynker | Digital Literacy: Stop motion animation | Coding: Conditions, Functions and App design |
| **Topic related activities throughout the year.** |
| **Year 5** | E-safety: Google Secure your secrets | Digital Literacy: Plan an event using shared documents | Digital Literacy: Spreadsheets  | E-safety: Cyberbullying  | Coding: Swift Playgrounds – Commands, Debugging | Coding: Conditional Code, While loops and Logic. | Digital Literacy: Animation through varied apps and websites | Digital Literacy: Website creation. SharePoint | Coding: Algorithms. Game creation |
| **Topic related activities throughout the year.** |
| **Year 6** | E-safety: Google It’s cool to be kindInterland’s Kind Kingdom | Digital Literacy: 3D modelling using Google Sketchup.  | Computer Networks: Search Algorithms  | E-safety: Why is Social Media Free?Fake News in real life. | Coding: Use variables, coding with variables | Coding: Use of types and initialisation in code, parameters and problem-solving skills | Digital Literacy: ChildNet video competition | Coding: The use of Arrays in coding, visualise data and coding concepts |