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 processing  PowerPoint | 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 kind  Interland’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 |