# Whole school overview: Computing

| | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
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| **EYFS** | **Topic**: E-safety<br><br>**Main Theme:** Speaking with an adult and sharing if worried about something. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Move and create shapes on screen. | **Topic:** Digital media<br><br>**Main Theme:** Sound and pictures, exploring a range of devices. | | **Topic:** Programming<br><br>**Main Theme:** Bee Bots. Make choices about buttons to move the floor robot. | **Topic:** Data<br><br>**Main Theme:** Different types of information |
| **Year 1** | **Topic**: E-safety<br><br>**Main Theme:** Explore the differences and similarities of real and online experiences. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Becoming familiar with the keypad and adding writing to a document. | **Topic:** Data<br><br>**Main Theme:** Sorting materials into groups and making simple pictograms linking to 'everyday materials' science topic. | **Topic:** Programming<br><br>**Main Theme:** Explore how to give instructions and the impact of controls. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Building a class email. | **Topic:** Digital media<br><br>**Main Theme:** Experiment with devices to create and record sounds and images. |
| **Year 2** | **Topic**: E-safety<br><br>**Main Theme:** Children to explore that not everything they see online is accurate and how to manage online adverts. | **Topic:** Digital media<br><br>**Main Theme:** Create an art piece based around shapes. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Use the basic editing functions. | **Topic:** Programming<br><br>**Main Theme:** Probots, Move the turtle. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Contribute and discuss ideas to compose and respond to class e-mails. | **Topic:** Data<br><br>**Main Theme:** Create their own yes/no question based on animals in the wild. |
| **Year 3** | **Topic**: E-safety<br><br>**Main Theme:** Explore and learn how the internet contains fact, fiction and opinion. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Organise and present information for a specific audience. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Access a shared space to follow web links and read instructions for work. Upload work to a shared space. | **Topic:** Programming<br><br>**Main Theme:** Logo & Scratch. Create a simple programme. | **Topic:** Digital media<br><br>**Main Theme:** Upload and edit pictures of school production. Create simple animations. | **Topic:** Data<br><br>**Main Theme:** Select and print appropriate graphs to show their data. |

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| **Year 4** | **Topic**: E-safety<br><br>**Main Theme:** How to check and evaluate information found online. | **Topic:** Digital Media<br><br>**Main Theme:** Recording sounds and editing images. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Become increasingly familiar with Microsoft Word and Power Point. | **Topic:** Programming<br><br>**Main Theme**: Scratch & Kodu. Creating a digital lang. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Use and compare two online communication platforms. | **Topic:** Data<br><br>**Main Theme:** Collect and enter data over time and create a range of graphs. |
| **Year 5** | **Topic**: E-safety<br><br>**Main Theme:** Evaluating and refining search result and checking for validity. | **Topic:** Multimedia and Word processing<br><br>**Main Theme:** Selecting the best programme to present their information. | **Topic:** Programming<br><br>**Main Theme:** Using scratch to create a simple game. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Create a Newsletter based on Fair Trade project. | **Topic:** Digital Media<br><br>**Main Theme:** Plan and create a piece of moving digital media. | **Topic:** Data<br><br>**Main Theme:** Use Excel to manage data. |
| **Year 6** | **Topic**: E-safety<br><br>**Main Theme:** Keeping safe whilst using social media. | **Topic:** Communication and Collaboration<br><br>**Main Theme:** Year 6 learning blog. | **Topic:** Data<br><br>**Main Theme:** Collection and present data to solve a problem. | **Topic:** Programming<br><br>**Main Theme:** Introduction to Python/Small Basics to write algorithms. | **Topic:** Digital media<br><br>**Main Theme:** Video editing to create a video of the year 6 production. | **Topic:** Multimedia and word processing<br><br>**Main Theme:** Creating contributions for the year 6 leaver's book. |