

Computing: To develop a love of learning and equip children with the skills to thrive in the 21st Century.

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--------|---|----------|--|----------|---|----------|
| Year 1 | <p>How do you safely use a computer? What is coding? (Part 1) Unit 1A- On the Move (Espresso planning)</p> | | <p>What is coding? (Part 2) Unit 1B- Simple inputs (Espresso planning)</p> | | <p>How can you create a painting using a computer program?</p> | |
| Year 2 | <p>How do you keep personal information safe on a computer? How do you research on the web? Recap year 1 coding.</p> | | <p>What are inputs and events in coding? Unit 2A- Different sorts of inputs Unit 2B- Buttons and instructions (Espresso planning)</p> | | <p>How do you combine images and text in a word document?</p> | |
| Year 3 | <p>What does SMART mean? Recap Year 2 coding</p> | | <p>How do you code an animated sequence and use conditional events? Unit 3A- sequence and animation Unit 3B- Conditional Events (Espresso planning)</p> | | <p>How do you use a spreadsheet to present data and create a simple formulae? Digimaps (geography)</p> | |
| Year 4 | <p>What do you do if you feel uncomfortable when online due to content or contact? Recap Year 3 coding</p> | | <p>How do use variables, repetition and loops in coding? Unit 4A- Introduction to variables Unit 4B- repetition and loops (Espresso planning)</p> | | <p>How do you create a simple PowerPoint presentation?</p> | |
| Year 5 | <p>E-Safety-digital footprint How do you create a PowerPoint presentation which uses mixed media?</p> | | <p>How can you control speed and direction in coding? What is a simulation and how is it used? (Espresso planning)</p> | | <p>What is the difference between the web and the internet and how do they work? Word document skills.</p> | |
| Year 6 | <p>What is netiquette and how is it applied online? How do you collect, present and analyse data on a spreadsheet?</p> | | <p>What is meant by encryption and why is it so important for computing? Recap year 5 coding (Espresso planning)</p> | | <p>How can you create an app that uses complex variables? (Kapow planning) (Espresso planning) How do you combine a range of software to create a finished presentation?</p> | |