



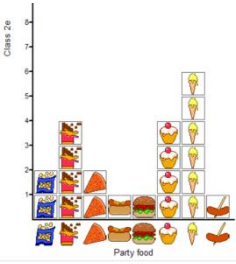




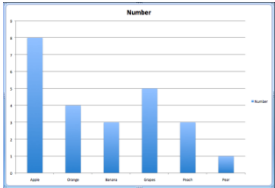

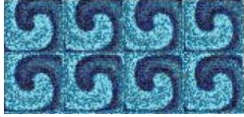
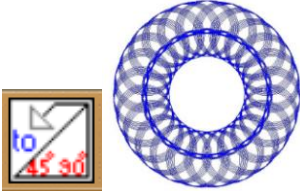
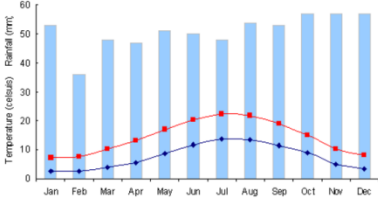





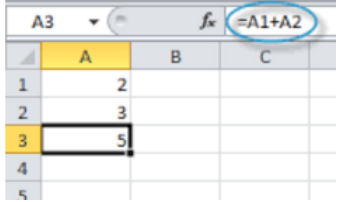
Computing

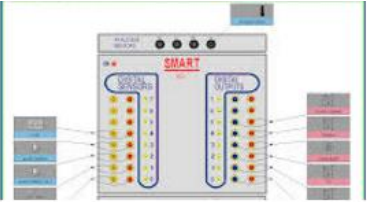




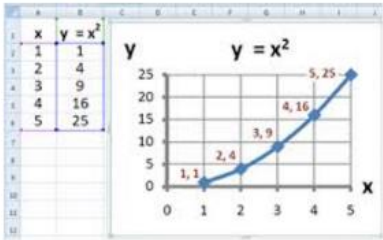
| | Autumn | Spring | Summer |
|-----------|---|---|--|
| Nursery | <p>Various Hardware: Interactive Boards (touch screen) Computers with Keyboard and Mouse iPads with teachers Digital Cameras Beebots (programmable toy on wheels) Remote control toys</p> | <p>Online Resources: Espresso BBC LGfL Resources (Busy Things, Talking Stories, Barnaby Bear, j2a) Phonics Play TES iBoard ICT Games Top Marks</p> | <p>Software: 2Simple Colour Magic Tapestry</p>  |
| Reception | <p>Torches Lightboxes Walkie Talkies Microwave Easi speaks Talking tins</p>  |  | |
| Year 1 | <p>Typing Text 2Simple, Clicker, Word Drawing pictures 2Simple, Colour Magic Creating music Compose World, 2Simple Coding/Control Beebots, J2Code, 2Simple Making graphs 2Simple Online Safety</p>  <p><i>UNICEF article 17: Every child has the right to information from the media.</i></p> | <p>Resources: Espresso LGfL for maths, Talking Stories, games My World Sound Recorder Camera</p>  <p><i>UNICEF article 29: Every child has the right to the goals of education.</i></p> | <p>Off Line activities: Giving instructions to one another (one child blindfolded) Using the keyboard/calculator in creative play in 'home corner' Making check lists and collecting information Explain a series of instructions that have a logical order Organise objects according to shape/colour/size Select items according to their properties</p> <p>British Values: Rule of Law; Individual liberty.</p> |

| | Autumn | Spring | Summer |
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| <p style="text-align: center;">Year 2</p> | <p><u>PowerPoint</u> Creating a presentation with text and graphics. Use the internet to search and copy and/or save images English/History UNICEF article 17: Every child has the right to information from the media.</p> <p><u>Colour Magic/2Simple</u> Art UNICEF article 29: Every child has the right to the goals of education.</p>  | <p>Online Safety Week in February Computing UNICEF article 16: Every child has the right to privacy. British Values: Rule of Law; Individual liberty.</p> <p>Coding <u>Beebots & Purple Mash</u> Giving instruction that a computer would understand. Designing a sequence of instructions for objects to travel from one position to another Computing</p> <p><u>Textease</u> Create databases on paper with fields and records. Ask questions and search records to retrieve information. Put information onto the database. Ask the same questions on the computer. Compare and contrast different ways of searching the database. Computing</p> | <p><u>2Simple Graphs</u> After collecting information and making class graphs and their own graphs, put data into 2Simple and create graphs on the computer. Compare and contrast different graphs Maths</p> <p>Coding <u>Beebots/Textease Turtle/J2Code</u> Using Beebot skills to move a turtle onscreen around mazes and various maps. Beginning to use a series of instructions. Computing</p>  |

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| Year 3 | <p>Iron Age Coding <u>Scratch/J2Code</u> <i>Computing</i></p>  | <p>Online Safety Week in February <i>Computing</i> UNICEF article 16: Every child has the right to privacy. British Values: Rule of Law; Individual liberty.</p> <p>Coding <u>LOGO</u> Creating shapes using repeat instructions. Begin to rotate shape and make spirals. <i>Computing</i></p>  <p>Textease About human beings AND Branching Databases Textease <i>Science/Maths</i></p> | <p>Create a web page <i>English/History</i> UNICEF article 17: Every child has the right to information from the media. UNICEF article 29: Every child has the right to the goals of education. British Values: Rule of Law; Individual liberty.</p> <p>Excel Creating graphs from data <i>Maths</i></p>  <p>Sending emails <i>Computing</i> UNICEF article 16: Every child has the right to privacy. UNICEF article 13: Every child has the right to freedom of expression. British Values: Rule of Law; Individual liberty.</p> |

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| <p>Year 4</p> | <p>Coding Scratch/J2Code <i>Computing</i></p> <p>Communication Multimedia Visiting specialist using children's stories to create pictures of scenes and props, photographed with voice recordings to re-enact the story. Completed work published on You Tube</p> <p><i>English</i> UNICEF article 17: Every child has the right to information from the media. British Values: Rule of Law; Individual liberty.</p>  <p>Colour Magic and Paint Create mosaic and repeat pattern</p> <p><i>Art</i> UNICEF article 29: Every child has the right to the goals of education.</p>  | <p>Online Safety Week in February <i>Computing</i> UNICEF article 16: Every child has the right to privacy. British Values: Rule of Law; Individual liberty.</p> <p>Textease Create a database of Norse Gods and search with questions</p> <p><i>History</i></p>  <p>Coding LOGO Create repeat rotation patterns. Changing the colour, shape and rotation.</p> <p><i>Computing</i></p> | <p>Excel Creating bar and line graphs about populations and weather</p> <p><i>Maths</i></p>  <p>Word Creating linked pages with Index Page</p> <p><i>English/Science</i></p> <p>Sending and receiving emails</p> <p><i>Computing</i> UNICEF article 16: Every child has the right to privacy. UNICEF article 13: Every child has the right to freedom of expression. British Values: Rule of Law; Individual liberty.</p> |

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| Year 5 | <p>Coding Junior Control Insight Using switches to create an advertisement <i>Computing</i></p>  <p>Podcast Central LGfL <i>English</i></p> <p><i>UNICEF article 16: Every child has the right to privacy.</i> British Values: Rule of Law; Individual liberty.</p> | <p>Online Safety Week in February <i>Computing</i> <i>UNICEF article 16: Every child has the right to privacy.</i> British Values: Rule of Law; Individual liberty. The Internet How to use The Internet as a search engine. Understanding the different tools; the language; the bias; contradictory information; authors etc <i>Computing</i></p> <p><i>UNICEF article 17: Every child has the right to information from the media.</i></p> <p>Sending emails <i>Computing</i></p>  <p><i>UNICEF article 16. to privacy.</i> <i>UNICEF article 13: Every child has the right to freedom of expression.</i> British Values: Rule of Law; Individual liberty.</p>  <p>Coding Python <i>Computing</i></p> | <p>Word Linking pages <i>English/History</i></p> <p>Excel Creating a budget using formulas <i>Maths</i></p> <p><i>UNICEF article 29: Every child has the right to the goals of education.</i></p>  |

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| <p style="text-align: center;">Year 6</p> | <p>Coding Junior Control Insight Using switches to create an advertisement <i>Computing</i></p>  <p style="text-align: center;">SCRATCH </p> <p>Coding Scratch <i>Computing</i></p> | <p>Online Safety Week in February <i>Computing</i> UNICEF article 16: Every child has the right to privacy. British Values: Rule of Law; Individual liberty.</p> <p>Microsoft Movie Maker Role play and film stories Edit, add text, titles and music <i>English</i></p>  <p>The Internet How to use The Internet as a search engine. Understanding the different tools; the language; the bias; contradictory information; authors etc <i>Computing</i> UNICEF article 17: Every child has the right to information from the media. British Values: Rule of Law; Individual liberty.</p> <p>Coding Python <i>Computing</i></p>  | <p>Podcast Central LGfL <i>English</i> UNICEF article 13: Every child has the right to freedom of expression. UNICEF article 16: Every child has the right to privacy. UNICEF article 29: Every child has the right to the goals of education.</p> <p>British Values: Rule of Law; Individual liberty.</p>  <p>Excel Creating graphs for algebraic equations <i>Maths</i></p>  |