



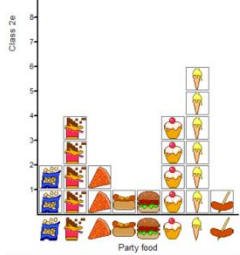


Computing

	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>  <p><i>UNICEF article 13: Every child has the right to freedom of expression.</i></p> <p><i>UNICEF article 17: Every child has the right to information from the media.</i></p>	 <p><i>UNICEF article 16: Every child has the right to privacy.</i></p> <p><i>UNICEF article 29: Every child has the right to the goals of education.</i></p>	 <p>British Values: Rule of Law & Individual liberty.</p>

	Autumn	Spring	Summer
Year 1	<p>Myself, Traditional Tales and Celebrations</p> <p>Typing Text <u>2Simple, Clicker, Word</u></p> <p>Drawing pictures <u>2Simple, Colour Magic</u></p> <p>Creating music <u>Compose World, 2Simple</u></p> <p>Coding/Control <u>Beebots, J2Code, 2Simple</u></p> <p>Making graphs <u>2Simple</u></p> <p>Online Safety</p> <p><i>UNICEF article 13: Every child has the right to freedom of expression.</i></p> <p><i>UNICEF article 17: Every child has the right to information from the media.</i></p>	<p>Transport & Animals</p> <p>Resources:</p> <p>Espresso LGfL for maths, Talking Stories, games My World Sound Recorder Camera</p> <p></p> <p><i>UNICEF article 16: Every child has the right to privacy.</i></p> <p><i>UNICEF article 29: Every child has the right to the goals of education.</i></p>	<p>Under the Sea & Heroes</p> <p>Off Line activities:</p> <p>Giving instructions to one another (one child blindfolded)</p> <p>Using the keyboard/calculator in creative play in 'home corner'</p> <p>Making check lists and collecting information</p> <p>Explain a series of instructions that have a logical order</p> <p>Organise objects according to shape/colour/size</p> <p>Select items according to their properties</p> <p>British Values: Rule of Law & Individual liberty.</p>
		<p></p>	

Year 2

Autumn

Great fire of London

Communication **PowerPoint**
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.

Communication **Compose World, 2Simple**
Music



Communications **Colour Magic/2Simple**
Art
UNICEF article 29: Every child has the right to the goals of education.



Spring

Tales from around the world

Online Safety Week
February second week
Computing
UNICEF article 16: Every child has the right to privacy.
British Values: Rule of Law & Individual liberty.

Control **Beebots & Purple Mash**
Giving instruction that a computer would understand. Designing a sequence of instructions for objects to travel from one position to another
Computing

Modelling Databases **Textease**
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



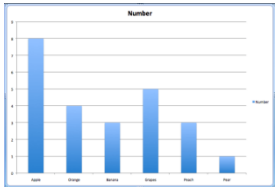
Summer

Natural World and Seaside

Modelling **2Simple Graphs**
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

Control **Beebots/Textease Turtle/J2Code**
Using Beebot skills to move a turtle onscreen around mazes and various maps. Beginning to use a series of instructions.
Computing



	Autumn	Spring	Summer
<p style="text-align: center;">Year 3</p> <p style="text-align: center;">These units may be taught over a two-year cycle.</p>	<p style="text-align: center;">Iron Age</p> <p>Coding <u>Scratch/J2Code</u> <i>Computing</i></p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Around the world</p> <p>Online Safety Week February second week <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> <div style="text-align: center;">  </div> <p>Databases <u>Textease</u> About human beings AND Branching Databases <u>Textease</u> <i>Science/Maths</i></p> <p>Communication <u>Compose World</u> <i>Music</i> UNICEF article 29: Every child has the right to the goals of education.</p>	<p style="text-align: center;">Ancient Egyptians</p> <p>Communication Create a web page <i>English/History</i> UNICEF article 17: Every child has the right to information from the media. British Values: Rule of Law & Individual liberty.</p> <p>Modelling <u>Excel</u> Creating graphs from data <i>Maths</i></p> <div style="text-align: center;">  </div> <p>Communications 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>

Year 4

These units may be taught over a two-year cycle.

Autumn

Romans

Control Scratch/J2Code
Computing

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

English

UNICEF article 17: Every child has the right to information from the media.

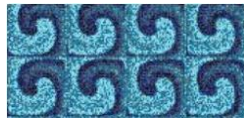
British Values: Rule of Law & Individual liberty.



Communication Colour Magic and Paint
Create mosaic and repeat pattern

Art

UNICEF article 29: Every child has the right to the goals of education.



Spring

Raiders

Online Safety Week
February second week
Computing

UNICEF article 16: Every child has the right to privacy.

British Values: Rule of Law; Individual liberty.

Databases Textease

Create a database of Norse Gods and search with questions

History

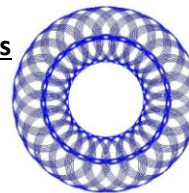
Communication Compose World

Music

UNICEF article 29: Every child has the right to the goals of education.

Data Handling Data Loggers

Science



Control LOGO

Create repeat rotation patterns.
Changing the colour, shape and rotation.
Computing

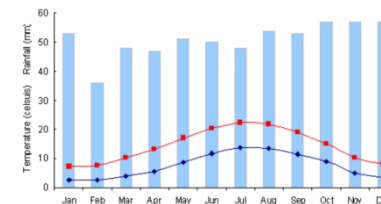
Summer

Food glorious food

Modelling Excel

Creating bar and line graphs about populations and weather

Maths



Communication Word

Creating linked pages with Index Page
English/Science

Communication

Sending and receiving emails

Computing

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.

Year 5

These units may be taught over a two-year cycle.

Autumn

Chocolate

Control **Junior Control Insight**
Using switches to create an advertisement
Computing



Communication **Podcast Central LGfL**
English
UNICEF article 16: Every child has the right to privacy.
British Values: Rule of Law & Individual liberty.

Spring

Rivers

Online Safety Week
February second week
Computing
UNICEF article 16: Every child has the right to privacy.
British Values: Rule of Law & Individual liberty.

Database **The Internet**
How to use The Internet as a search engine.
Understanding the different tools; the language; the bias; contradictory information; authors etc
Computing
UNICEF article 17: Every child has the right to information from the media.

Communication
Sending emails
Computing
UNICEF article 16: Every child has the right to privacy.
UNICEF article 13: Every child has the right to freedom of expression.
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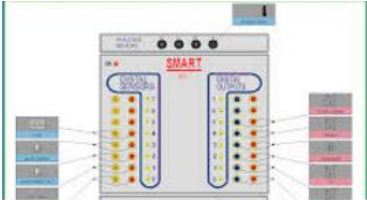


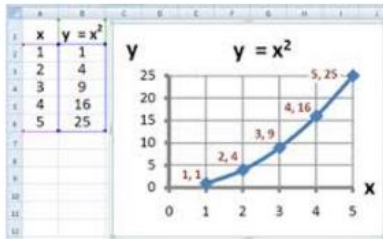


Summer

Ancient Greeks

Communication **Word**
Linking pages
English/History
Modelling **Excel**
Creating a budget using formulas
Maths
UNICEF article 29: Every child has the right to the goals of education.

	A	B	C
1	2		
2	3		
3	5		
4			
5			

	Autumn	Spring	Summer
<p style="text-align: center;">Year 6</p> <p style="text-align: center;">These units may be taught over a two-year cycle.</p>	<p style="text-align: center;">World War 2</p> <p>Control Junior Control Insight Using switches to create an advertisement <i>Computing</i></p>  <p>Coding Scratch <i>Computing</i></p>	<p style="text-align: center;">Rainforests</p> <p>Online Safety Week February second week <i>Computing</i> UNICEF article 16: Every child has the right to privacy. British Values: Rule of Law & Individual liberty.</p> <p>Communication Microsoft Movie Maker Role play and film stories Edit, add text, titles and music <i>English</i></p>  <p>Databases 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>Communication Soundation Create different layers of sound <i>Music</i> UNICEF article 29: Every child has the right to the goals of education.</p>	<p style="text-align: center;">Transition</p> <p>Communication 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. British Values: Rule of Law & Individual liberty.</p>  <p>Modelling Excel Creating graphs for algebraic equations <i>Maths</i> UNICEF article 29: Every child has the right to the goals of education.</p> 

		<p>Control <u>Python</u> <i>Computing</i></p> <p>Data Handling <u>Data Loggers</u> <i>Science</i></p>	
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