



LKS2 Computing Rolling Programme

Year A	Knowledge & Skills	E-safety	Vocabulary
Autumn 1	<p>Information Technology Textease/word To insert/delete a word using the mouse and arrow keys. To be able to highlight text to change its format (B,U, I). To be able to change the font style, format and size of my text using the programme icons. To be able to use the automatic spell checker to edit my spellings. To be able to use the shift key to type characters such as question marks, capital letters and exclamation marks in my text. To be able to save my work independently using an appropriate title. To be able to position a text box. To be able to align text-using L, R and centre functions. To be able to copy graphics from a range of sources such as 'google images' and other appropriate websites and paste them into a suitable package such as 'word', 'textease' or publisher. To be able to use a spell check on my whole document independently. <i>Outcome</i> <i>To produce a type written text in conjunction with any topic.</i></p>	<p>Staying Safe Online Pupils will discuss how to stay safe when talking to people online and how to stay respectful. <i>Outcome</i> <i>Know the rules to keep safe online</i></p>	<p>E-safety rules Secure passwords Report abuse button Gaming Blogs</p>
Autumn 2	<p>Textease Turtle/ Logo To control the textease turtle or equivalent using forwards, backwards, left, right, up, down with support. To draw a square, rectangle and other regular shapes on screen, using commands such as penup, pendown, repeat etc. To look at a sequence of instructions and predict where the turtle might go. To produce an accurate set of instructions that need little amendment. Use the repeat command. To use differentiated keypad to give instructions. Yellow (pictorial), Green (Full vocabulary) <i>Outcome</i> <i>To learn commands to operate a turtle</i></p>	<p>Staying Safe Online Pupils will discuss how to stay safe when talking to people online and how to stay respectful. <i>Outcome</i> <i>They understand what it means to be respectful online and what constitutes it.</i></p>	<p>E-safety rules Secure passwords Report abuse button Gaming Blogs Sequence instructions Sequence debugging Test + improve Logo commands Sequence programming</p>
Spring 1	<p>Information Technology Databases</p>	<p>Online Detectives</p>	<p>E-safety rules Secure passwords</p>



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	<p>To be able to fill in a data collection sheet independently. To be able to enter this information and make a graph and print this. To be introduced to the grid layout of a spreadsheet programme such as 'excel'. To be able to enter data, highlight it and make simple bar charts with support. To be able to explain the term record, field, and explain how these work briefly when prompted. To be able to explain that information can be held as numbers (when being sent), choices or words. To be able to translate questions into search criteria to find answers from a database. To be able to enter both simple and more complicated data into a database and make bar charts from this. To be able to edit data and graphs by changing simple features such as titles and labels.</p> <p><i>Outcome</i> <i>Demonstrate how to create a graph from this information. Ask the children to do these things with the data they have collected</i></p>	<p>Pupils will learn how to use advanced internet searching to explore whether the internet can be used to authenticate facts. They will also explore the benefits of using strong passwords</p> <p><i>Outcome</i> <i>What is reliable information?</i></p>	<p>Report abuse button Gaming Blogs Questioning Database Construct Contribute Recording data Data logger Present data</p>
<p>Spring 2</p>	<p>Digital Literacy Websites I can click links in a web site. I can print a web page to use as a resource. I can conduct a search on a web site. I can refine my search to get more accurate results</p> <p><i>Outcome</i> <i>Demonstrate how to use a search engine (Google) to find out information about a class topic Demonstrate use of Google to find information. Give the children a set of questions to research the answers to on the internet.</i></p>	<p>Online Detectives Pupils will learn how to use advanced internet searching to explore whether the internet can be used to authenticate facts. They will also explore the benefits of using strong passwords</p> <p><i>Outcome</i> <i>Understand Passwords – not cool to share</i></p>	<p>Technology Share Create Internet Purpose Online tools Communicate Rules Online Private information Email</p>
<p>Summer 1</p>	<p>Information Technology Paint To be able to use the shape tools to draw a variety of objects and pictures. To be able to use solid, pattern and gradient fills when dealing with shapes and pictures. To be able change the width of brush, spray, lines, and use these in combination to create a range of effects. To be able to re-size an object independently.</p>	<p>My Online Life Pupils will develop their knowledge of how to create a positive online reputation and how technology can impact on health.</p> <p><i>Outcome</i> <i>To know and understand what a digital footprint is.</i></p>	<p>Image bank Word bank Space bar Rules Online Private information Email Multimedia Presentations Alignment</p>



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	<p>To be able to copy graphics from a range of sources such as 'google images' and other appropriate websites and paste them into a suitable package such as 'word', 'textease' or publisher.</p> <p>To be able to resize graphics and text to make the document fit for purpose.</p> <p>To be able to use stamps to create repeat patterns and tessellations.</p> <p><i>Outcome</i> <i>Demonstrate how to copy that image using the right mouse button</i> <i>Demonstrate how to paste the image into a document and resize/reposition as appropriate.</i></p>		<p>Brush size Repeats Reflections Green screening Amend Copy Paste</p>
<p>Summer 2</p>	<p>Digital Literacy Networks I can log on to the pupil shared network I can understand a computer network is a group of computers connected together. I know that the internet is a type of network. I can add information or files pupil shared network, such as class work or independent research. <i>Outcome</i> <i>I can identify how devices in a network are connected with one another</i> <i>I can identify networked devices around me</i> <i>I can identify the benefits of computer networks</i></p>	<p>My Online Life Pupils will develop their knowledge of how to create a positive online reputation and how technology can impact on health. <i>Outcome</i> <i>Focus on positive impact of technology, search for healthy recipes, use of apps monitor heart rates, number of calories eaten, number of steps taken etc.</i></p>	<p>School network Devices Computer parts Collaborate Appropriate online communication Search tools Appropriate websites Owner</p>