

Woodley Primary School – Knowledge Organiser

Computing Focus:	Information Technology	Year 4	Ongoing
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Key Vocabulary	
Spelling	Definition
Interactive Presentation	The sharing of information using technology in an active way allowing for input
Sequence	To order footage in a video
Data	Facts and statistics collected for analysis
Green screen	A computer terminal that displays green characters on a dark background
Word Processing	The production of typed documents

Possible Experiences
Potential visit from Microsoft. Use of Makey Makeys linked to computer science and science lessons.

What I will know at the end of the unit	
Objectives for the unit:	<p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p> <p>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p>
Key Skills:	<p>Create videos using sequencing, add music and green screen recordings, create interactive presentation to present data using sound recordings and puzzles/ quizzes, use key words to search on search engines, use data loggers to record data on sound, record a simple green screen video.</p> <p><u>Word Processing :</u> Use a Drop Down Menu Use the Undo and Redo edit options (drop down) Insert Word Art and Format and Resize Insert a Text Box and Format and Resize Insert a Shape and Format and Resize Create a Border Use Cut/Copy and Paste icons Align Right/ Centre/ Left and Justify Page Views, Zoom and Print Preview</p>

Prior Knowledge	
What I should already know ...	
Year 2:	<ul style="list-style-type: none"> Use a simple search engine to carry out image searches and key word searches Save images from search engine to the camera roll on iPads and shared drive in laptops Create a simple animation using an appropriate app; making an image speak, by adding voice recordings Design a house using a net template including different features, such as, windows/doors. Edit shape and colour. Create a simple bar graph to record data Create an interactive presentation including soundboard, a shape puzzle and an interactive quiz. <p><u>Word Processing Skills:</u> Open a new page in Microsoft Word Use the Save button and name my work Open a Saved Document Place the Cursor with Mouse and Arrow Keys Insert Clip Art and Format and Resize Insert text – write a label for the clip art image Use the Space Bar to create a space Use the Caps Lock Key Use the Full Stop key Use the Backspace key to delete letters to the left</p>
Year 3:	<p>Edit images to create image of themselves with a different background, add text to image, create game with single level, Google Junior key question searches, use data loggers to collect data on light, explore different ways to present data, present data collected in most appropriate way, create simple 3D animation using voice recordings and images.</p> <p><u>Word Processing Skills:</u> Use the Number Keys Use the Shift key to create a Capital Letter Use the Comma key Use the Apostrophe key Use the shift key to create a Question Mark/ Exclamation Mark/ Inverted Commas Use the Undo Button Use the Delete key to delete letters to the right Use the Enter Key to move to a new line Select a piece of text by Clicking and Dragging Change the Font Size Change the Font Style Change the Font Colour Use Bold/Italic and Underline Use the Print Button</p>