

## Woodley Primary School – Knowledge Organiser

<b>Computing Focus:</b>	Information Technology	Year 3	Ongoing
-------------------------	------------------------	--------	---------

Key Vocabulary	
Spelling	Definition
Animation	The technique of using photographing successive drawings or models to create an illusion of movement when the film is show as a sequence
Word Processing	The production of typed documents
Search Engines	Websites which search the internet for specific information
Data	Facts and statistics collected for analysis

Prior Knowledge	
What I should already know ...	
Year 1:	<ul style="list-style-type: none"> <li>I can use a digital still camera to take a picture and edit it</li> <li>I understand the need to frame the image and keep the camera still</li> <li>I can record an audio recording</li> <li>I can play back an audio recording</li> <li>I can insert a voice recording into an app to animate a character and create a soundboard</li> <li>I can create a mask by editing a template and selecting/inserting colour</li> <li>I can use simulators to explore aerial photography (Google Earth),</li> <li>I can find a website by using a QR code1</li> </ul>
Year 2:	<ul style="list-style-type: none"> <li>Use a simple search engine to carry out image searches and key word searches</li> <li>Save images from search engine to the camera roll on iPads and shared drive in laptops</li> <li>Create a simple animation using an appropriate app; making an image speak, by adding voice recordings</li> <li>Design a house using a net template including different features, such as, windows/doors. Edit shape and colour.</li> <li>Create a simple bar graph to record data</li> <li>Create an interactive presentation including soundboard, a shape puzzle and an interactive quiz.</li> </ul> <p><b><u>Word Processing Skills:</u></b>            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>

Possible Experiences
<ul style="list-style-type: none"> <li>Develop word processing skills</li> <li>Create a game using technology</li> <li>Animate their own photos</li> <li>Create a graph using data collected in science lessons</li> <li>Use Kux Camera to record data relating to light</li> </ul>

What I will know at the end of the unit	
Objectives for the unit:	<ul style="list-style-type: none"> <li>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>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</li> <li>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</li> </ul>
Key Skills:	<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><b><u>Word Processing Skills:</u></b>            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>