

# Woodley Primary School – Knowledge Organiser

<b>Computing Focus:</b>	Information Technology	Year 2	Ongoing
-------------------------	------------------------	--------	---------

Key Vocabulary	
Spelling	Definition
Research	To use the internet to investigate and collect information
Animate	Bring something to life
Interactive Presentation	The sharing of information using technology in an active way allowing for input
Word Processing	The production of typed documents

What I will know at the end of the unit	
Objectives for the unit:	Use technology purposefully to create, organise, store, manipulate and retrieve digital content Recognise common uses of information technology beyond school
Key Skills and Knowledge:	<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>Word Processing Skills:</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>

Prior Knowledge What I should already know ...	
EYFS:	<ul style="list-style-type: none"> <li>Use multimedia equipment, e.g. digital cameras, video cameras, webcams and visualisers, to capture still and moving images</li> <li>Explore ways of making and listening to sounds using simple programs and devices</li> <li>Develop mouse control</li> <li>Use a paint program to make marks, using simple tools, to communicate their ideas</li> <li>Use different forms of electronic communication in free play</li> <li>Begin to develop simple classification skills by carrying out simple sorting activities away from the computer</li> </ul>
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 code</li> </ul>

Possible Experiences
<ul style="list-style-type: none"> <li>Research and save images and use them to create a Chatterkids animation.</li> <li>Design and create a house template using technology and print to turn into 3D house.</li> <li>Create graph using technology using data collected during science lessons</li> <li>Create an interactive presentation using sounds, puzzles and quizzes.1</li> <li>Develop word processing skills.</li> </ul>

