

Woodley Primary School – Knowledge Organiser

Computing Focus:	Information Technology	Year 5	Ongoing
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Key Vocabulary	
Spelling	Definition
Search Engine	Websites which search the internet for specific information.
Stop Animation	A short video created using only still frames manipulated by filmmaker between frames
Data	Facts and statistics collected for analysis
Database	A structured and accessible set of data held in a computer
Simulation	An imitation of a situation or process
Word Processing	The production of typed documents

Prior Knowledge	
What I should already know ...	
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>Word Processing Skills: 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>
Year 4:	<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>Word Processing : 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>

What I will know at the end of the unit	
Objectives for the unit:	<ul style="list-style-type: none"> * 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 * 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
Key Skills:	<ul style="list-style-type: none"> • To explore and compare different search engines • To create a branching database which can be used to identify/classify • To create stop animation using still images • To create a tour simulation using Goggle Tour Builder • To begin to use Google Advanced search • To create a multi-level game with enemies and level-ups • To create a presentation with map, videos, zooms, music, sound effects • To present data using advanced graphing technology • To be able to apply the following word processing skills: <ul style="list-style-type: none"> * Using Page Set Up/Layout * School Name in Footer * Name and Date in Header * Insert Headings and Sub-headings * Use Bullet Points and Numbering * Use Home and End to jump to start/end of line * Use the Highlight Tool * Use synonym tool * Put text into Columns * Insert Brackets/Dashes/Hyphens/ Pound Sign * Copy and Paste text from the Internet * Copy and Paste image from the Internet * Use Spell Check * Use Print Screen and/or the snipping tool

Possible Experiences
Create a multilevel game for younger pupils to play.