

Woodley Primary School – Knowledge Organiser

Computing Focus:

Information & Technology

Year 6

Ongoing

Key Vocabulary

Spelling	Definition
Trimming	Remove unwanted footage from the beginning/end of video
Data logger	An electronic device which records data over time
Time Lapse	The process of taking a sequence of frames over time and when played successively, the action appears much faster
Search Engines	Websites which search the internet for specific information
Green screen	A computer terminal that displays green characters on a dark background.
Word Processing	The production of typed documents

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"> Create video inserting green screen videos, text, images and use trimming, to capture key moments. Use data loggers to collect data on light and create an advanced graph to present the data collected Create animation to show a time-lapse Insert the animation into an interactive, educational presentation with transitions, title slides and narration Use the google advanced search engine using AND, OR, NOT, BETWEEN, WITHIN to refine searches. <p>Word Processing:</p> <ul style="list-style-type: none"> Use Find and Replace Print a Selection Use Ctrl shortcuts and Function keys (Ctrl+C, Ctrl+V, Ctrl+X, Ctrl+S) Insert and edit tables Highlight, drag and drop whole sections of text to move to a different location (i.e. into table) Save image from the Internet and Insert to Document Use Word Count Double Click on a word to select it Edit line spacing

Prior Knowledge What I should already know ...

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 :</p> <ul style="list-style-type: none"> 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
Year 5:	<p>Explore and compare different search engines, create a branching databases, create stop animation using still images, create a tour simulation using Goggle Tour Builder, begin to use Google Advanced search, create a multi-level game, create a presentation with map, videos, zooms, music, sound effects, present data using advanced graphing technology.</p> <p>Word Processing :</p> <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 green screen videos and insert into presentation to share with younger pupils, potentially linked to leavers assembly/transition.
Create educational video for younger pupils.