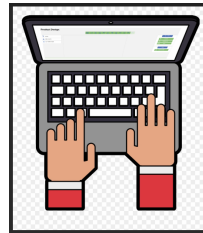




Year 6 Computing: Blogging (Information Technology)

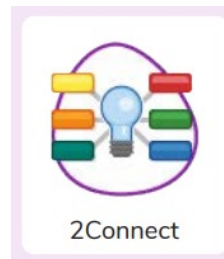
Prior Learning (Year 5)

- I understand the need to comment responsibly and respectfully when responding to the blogs of others.
- I know what a 'blog' is and how they can be commented on by others.
- I know the SMART rules and how these help to keep me safe when I am online.



Sticky Knowledge

- I can identify the purpose of writing a blog.
- I can identify the features of a successful blog.
- I can plan the theme and content for a blog.
- I know how to write a blog and a blog post.
- I can consider the effect upon the audience of changing the visual properties of the blog.
- I understand how to contribute to an existing blog.
- I understand how and why blog posts are approved by the teacher.
- I understand the importance of commenting on blogs respectfully and responsibly.



Key Vocabulary

approval	The act of acknowledging something is appropriate.
archive	In this case, where older blog or vlog posts are stored.
blog	A regularly updated website or web page, typically one run by an individual or small group, that is written in an
blog post	A piece of writing or other item of content published on a blog.
collaborate	Work jointly on an activity or project.
vlog	A personal website or social media account where a person regularly posts
commenting	To express an opinion or reaction in speech or writing.

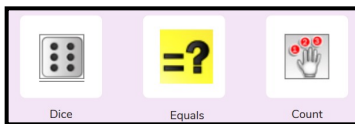




Year 6 Computing: Spreadsheets (Information Technology)

Prior Learning

- I know that data can be shown in a spreadsheet.
- I know the terms 'cell', 'formula' and 'column'.
- I know that data in a spreadsheet can be displayed in a graph to analyse.
- I know that spreadsheets are a way of organising data to analyse.
- I know that you can apply formulas to cells to add values together.



Sticky Knowledge

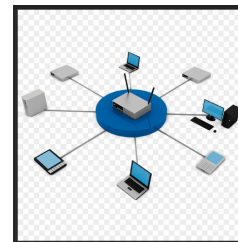
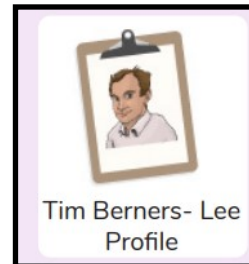
- I can use a spreadsheet to investigate the probability of the results of throwing many dice.
- I can use a spreadsheet to calculate the discount and final prices in a sale.
- I can use a spreadsheet to plan how to spend pocket money and the effect of saving money.
- I can use a spreadsheet to plan a school charity day to maximise the money donated to charity

Key Vocabulary

rows	Boxes running horizontally in a spreadsheet.
spreadsheet	A computer program that represents data in cells in a grid of rows and columns.
columns	Boxes running vertically in a spreadsheet.
data	A collection of information, especially facts or numbers.
formula	A group of letters, numbers, or other symbols which represents a scientific or mathematical rule.
advance mode	A mode of 2Calculate in which the cells have references and can include formulae.
budget	The amount of money available to spend on a project.
chart	A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.
count (how many) tool	Counts how many of a variable there are in a spreadsheet.
dice tool	Simulates the roll of a die to a random number
expense	A cost associated with a project.
format cell	The way that text looks. Formatting cells is helpful for interpreting a cell's contents.
formula bar	An area of the spreadsheet into which formulae can be entered using the '=' sign to open the formula.
formula wizard	Helps a user create formulas which perform calculations on selected cells.
move cell tool	Allows selected cells to be 'draggable'.
profit	Money that is earned in trade or business after paying the costs of producing and selling goods and services.

Prior Learning

- (Blogging) I can create a blog to explore two-way communication using the internet.
- I know how our computers are connected to our school's network and can name some pieces of hardware.
- I know how to search the internet safely and responsibly and who to contact if I am concerned.



Sticky Knowledge

- I understand what the Internet consists of.
- I have explored what a LAN and a WAN are.
- I have found out how the Internet is accessed in school.
- I have researched and found out about the age of the Internet.
- I can think about what the future might hold as technology changes over time.

Key Vocabulary

hub/switch	The connection point for networks where data is sent out to different devices.
internet	A global computer network which provides a variety of information and communication facilities.
LAN (local area network)	A computer network that links devices within a building or group of adjacent buildings.
network	Several interconnected computers, machines or operations.
World Wide Web	An information system on the internet which allows documents to be connected to other documents.
router	A device which forwards data packets to the appropriate parts of a computer network.
Wi-Fi	A facility allowing computers, smartphones or other devices to connect to the internet or communicate with one another wirelessly.
WAN (wide area network)	A collection of local-area networks (LANs) or other networks that communicate with one another over a large physical area or even globally.