

William de Yaxley CE Academy

Knowledge Organiser – Year 5 Computing

Key learning

How to organise and reorganise text on a screen to suit a purpose (using cut, paste, text box, columns)
Create a non-linear, multimedia text with hyperlinking
Use a pre-made spreadsheet to create graphs

Team 1	Test 1	Test 2	Test 3	TOTAL
Antony	10	11	11	32
Beth	9	9	12	30
Charlie	6	7	8	21
Deb	6	6	9	21
Ethan	10	10	10	30

Make a wider range of graphs



Bar Line Scatter Pie

Algorithm

Event

Loop

Conditional

Sequence

What should I already know?

How to write and debug algorithms using loops, event and a sequence
How to stay safe online and how to be a good digital citizen
How to use Microsoft word, generate bar charts and enhance digital images

Golden thread

Communication

The internet can be used to communicate with people in a variety of ways including emails all around the world
The digital world can be used to convey messages through using programmes such as Powerpoint and through using video

Sharing



Personal

Private

Being a Good Digital Citizen

Use these questions as a gauge before posting anything online:



Applied

How to make a healthier media choice

What?

What are the media you're consuming (or creating)?
What platforms are you using to consume the media (i.e., a streaming platform like Netflix)?
or ...
What device(s) are you using to consume (or create) the media?

When?

When are you consuming (or creating) the media?
What time of day? What day of the week?
What else is happening at this time (i.e., is it during dinner time, right before bed, etc.)?

How much?

How much media are you consuming?
How long are you spending with the media at one time?
How often are you consuming the media?

Tier 1 Vocabulary				Tier 2 Vocabulary			
Bullying	Copy	Password	Cut	Citizenship	Digital	Data	Wireless
				File	Paste	Personal	Private
Tier 3 vocabulary							
E-Safety	Social media	a term for the online platforms that people use to connect with others					
	Copyright	Legal protection that creators have over things they create					
	Digital footprint	A record of what you do online, including the sites you visit and things you post					
	Cyberbullying	Using digital devices, sites, and apps to intimidate, harm, and upset someone					
	Griefing	irritating or angering people in a video game by being mean or destructive or by cheating.					
Coding	Algorithm	Steps to follow to achieve a task					
	Sequence	A set of instructions that are followed in order					
	Debug	Finding and correcting errors					
	Loops	A way to tell a computer to repeat an action without writing a separate line of code for each repetition.					
	Events	An action that occurs as a result of the user or another source, such as a mouse click.					
Computer network	Network	A group of computers that are connected.					
	Internet	A network of connected computers					
	World wide web	All the webpages that are accessed using a web browser					
	Online	when the internet is being used to play games, research, read, watch videos etc.					
	Router	is a computer whose software and hardware are customized to move data between computer networks.					
Digital literacy	Format	to change the way text looks					
	Cursor 	a symbol (as an arrow or blinking line) on a computer screen that shows where the user is working					
	Font	The style of writing					
	CTRL 	a key on the keyboard					

