St Paul's Church of England Primary School

"Don't let anyone look down on you because you are young but set an example for the believers in speech; in conduct; in love; in faith and in purity."
(1 Timothy 4:12)

Subject: Computing	Year group: 6 Term: Autumn 1	Title: Digital Research (Project Evolve Focus)

What should I know?

- That IT can automate manual processes e.g. find and replace and understand the advantages and disadvantages of this
- That images, 3D representations, sounds and text can be subject to copyright and abide by copyright rules when creating a presentation
- That web users have to observe the terms and conditions of websites
- That some electronic communication can be malicious or inappropriate
- The process of finding specific information, noting any difficulties during the process and how these were overcome
- That information found as a result of a search can vary in relevance.
- How to distinguish between fact and opinion by cross checking sources
- To recognise that anyone can be an author on the internet and sometimes web content is inaccurate or even offensive

Facts I will learn …

- How we can effectively manage and store passwords
- Explain what to do if a password gets lost, stolen or shared.
- Why we should keep apps up to date
- How to increase privacy on apps and services which provide privacy settings
- That online content can target people to gain money or information illegally.
- The difference between mis-information and dis-information
- How to identify, flag and report inappropriate content online
- Explain how search engines work and how results are ranked
- How to make reference to and acknowledge sources I have used from the internet.
- When and where the internet can be used as a research tool
- That good online research involves processing information, and interpreting it for others rather than direct copying

Key questions …

- What does 'good research' look like?
- What is plagiarism?
- How can I acknowledge the source of my information?
- Is file sharing legal?
- How can I check the validity, plausibility and appropriateness of information I find on the internet?
- How can we ensure apps are kept up to date?
- What is the difference between mis-information and dis-information?
- How can I ensure my privacy settings are secure?e

Key Skills…

- To choose to use the internet when appropriate as a tool for independent research
- To use more advanced searching techniques
- To be able to create and use folders within lists of book-marks or favourites to organise content
- To apply their knowledge of online safety when carrying out research
- To use strategies to verify the accuracy and reliability of information, distinguishing between fact and opinion
- To identify whether a file has copyright restrictions and how this can affect how a file can be used in their own work
- To apply their knowledge of the meaning of domain names and common website extensions
- To develop skills to question where web content might originate from and understand that this gives clues to its authenticity and reliability

Experiences that school may provide:

- To use publishing software to create a book about Evolution

Web links

https://www.kiddle.co/

https://www.safety.com/best-kids-search-engines/

Experiences that could be provided at home…

- Talk about copyright and plagiarism and how anyone post something on the internet
- Discuss and practise good online safety at home
- Research a topic using the internet

Key vocab Definition

Plagiarism	The act of wrongfully taking another's words, ideas, or the like and representing them as one's own.
Security	The state of being free from danger or threat
Apps	Applications usually downloaded to a mobile device
Domain	A domain name is the address where Internet users can access your website.
Misinformation	False information – getting the facts wrong.
Dis-information	False information which is deliberately intended to mislead
Ranked	The position a website or page occupies in the search results
Copyright	The legal right that protects creators of original work