

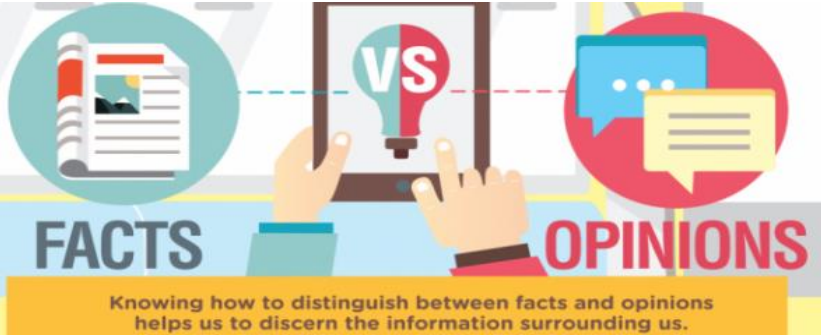
<p>National Curriculum Links: KS2 Computing</p> <ul style="list-style-type: none"> - Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
--

Information Technology Vocabulary

Information technology	Information technology (IT) is the use of computers to store, retrieve, transmit, and manipulate data or information
computer networks	Two or more computers that are connected with one another for the purpose of communicating data electronically
internet	The internet is a huge network of computers all connected together
World Wide Web	The world wide web ('www' or 'web' for short) is a collection of webpages found on this network of computers
communication	There are many different types of communication technology. They all have different strengths. It is important to think about which type of communication is best for each occasion
collaboration	The action of working with someone to produce something
evaluate	To judge something for its value, reliability and use
online information	Online information is found, on the internet, viewed and interpreted
privacy	Someone's right to keep their personal matters and relationships secret
security	To keep all the information stored on a computer or on the internet safe from people who want to steal it or change it
copyright	Copyright is a legal protection extended to those who produce creative works
ownership	The act or right of possessing something

I will know...

- about the advantages and disadvantages of using a computer
- about identifying the most relevant results from a search engine – not just 'sponsored' links
- **how to analyse information and differentiate between 'opinions', 'beliefs' and 'facts'**
- **what criteria have to be met before something is a 'fact'**
- **what a strong password is**
- **strategies for keeping my personal information private, depending on context**
- **when searching on the internet for content to use, I can explain why I need to consider who owns it and whether I have the right to reuse it**



Website Evaluation

5W's

- 1 - Who wrote it?
- 2 - What is the purpose of the resource?
- 3 - When was the resource published?
- 4 - Where is the information from?
- 5 - Why is this resource reliable?

Can you share five facts about our Technology Pioneer?
Ada Lovelace

HTML (Hyper Text Markup Language)	The publishing format for the web. It includes the ability to format documents and link to other documents and resources.
URL (Uniform Resource Locator)	The URL is a kind of 'address' that is unique to each resource on the web. It could be the address of a webpage or an image file.
HTTP (Hypertext Transfer Protocol)	Allows HTML documents to be requested and transmitted between browsers and web servers via the internet.
Web server	A computer where files are stored which can be accessed via the internet using HTTP.