Year 5 Autumn 1 Computing – Search Engines

Big Question

How can I search effectively?

Key Vocabulary for the unit:

Website: A series of web pages and other content, which can be discovered and read through an internet browser.

Search engine: A way for a user to search the internet's database of information.

WebCrawler: A program that uses keywords to search the WWW in a logical and systematic way to find the most suitable results for the user.

Index: A computer saves key information about previously searched results, to make this quicker next time they are accessed.

WWW: The acronym used to express the 'World Wide Web'.

Page rank: Web pages are sorted in an order to give the user the most suitable results at the top of the list, the first result could be considered rank one.

TASK: Title, Author, Summary, Kids.

Data Leak: When information is released without approval from the owner or creator.

Data privacy: The right to keep information private.

Fake news: False and inaccurate information that is shared in a convincing way, usually on social media and in websites.

Inaccurate information: When information is false and untrue.

Powerful knowledge/skills for this unit:

- To know how search engines work.

- To understand that anyone can create a website and therefore we should take steps to check the validity of websites.

- To know that web crawlers are computer programs that crawl through the internet.

- To understand what copyright is.

What I should already know from Year 4:

- I understand that computer networks provide multiple services

- I can use online software for a variety of reasons. I can use software to work collaboratively.

- I can recognising what appropriate behaviour is when collaborating online.

Useful diagrams for the unit: