

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 recognise what appropriate behaviour is when collaborating online.

Useful diagrams for the unit:

Kapowiverse

Search... Dinosaurs Go

All Images Videos News

<https://www.dino.earth>
Dino website **DINO**
Watch and learn about different dinosaurs.
Dinosaurs T-Rex Jurassic history

<https://www.dinosaurdirectory>
A-Z Dinosaur names library
What can you learn about all of the dinosaurs from A-Z?
Dinosaur directory A-Z Dinosaurs

https://www.Jurassic_history
Jurassic time line
How did dinosaurs become extinct? Explore all of the key dinosaur facts here!
Jurassic time line Dinosaurs

http://www.London_apatosaurus
Apatosaurus sightings
A sauropod herbivorous dinosaur has been captured in the centre of London city! Book your ticket for just £1,000 today!
Apatosaurus Dinosaur Sighting