



Computer Systems and Networks - Sharing Information

Year 5 Knowledge Organiser

Know how to:

- Explain that computers can be connected together to form systems
- Recognise the role of computer systems in our lives
- To identify how to use a search engine
- To describe how search engines select results
- To explain how search results are ranked
- To recognise why the order of results is important, and to whom

Key questions:

What is the role of computer systems in our lives?



How do search engines select results?

- By using the index of a book, you can find information quickly and **save time**
- Search engines also use an index

How are results ranked?

Website creators design sites so they will rank highly in searches. This is known as **search engine optimisation (SEO)**.

Key Vocabulary	
Word	Definition
Search Engine	A program that searches for and identifies items on the Internet that corresponds to keywords.
Rank	The position a particular Web page holds in the results for a specific query.
Index	Indexing is the process by which search engines organise information
Web Crawlers	A Web crawler is an Internet bot that browses the internet and that is typically operated by search engines for the purpose of Web indexing.