

Computing Systems and Networks—Communication and collaboration.

Construction

Prior Knowledge

The children have been learning about Computing Systems and Networks throughout KS2. They have studied how computers can be connected to share information and how the internet operates and how computers access it. Year 6 have also learned how to share information and how computers and software can aid you.



Key Vocabulary

Tier 1: search, rank, result, communicate

Tier 2: search engine, address bar, refine, content, influence, privacy, search filters

Tier 3: profit making, ranking, advertising, limitations

My Component Knowledge:

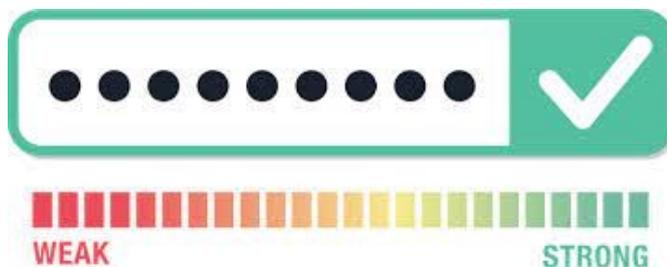
- Lesson 1: How do you search the web?
- Lesson 2: How do you select search results?
- Lesson 3: How are search results ranked?
- Lesson 4: How are searches influenced?
- Lesson 5: How do we communicate online?
- Lesson 6: How do we communicate responsibly?

My Composite Knowledge:

To know that the internet is a powerful tool that needs to be understood in order to be used safely.

My Powerful Knowledge:

In this unit, the class will learn about the World Wide Web as a communication tool. First, they will learn how we find information on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines. They will then investigate different methods of communication, before focusing on internet-based communication. Finally, they will evaluate which methods of internet communication to use for particular purposes.



How do search engines make money?

How do search engines decide what they are going to display?

Why do some search engines search in different ways?

How can I filter search results?

How do people communicate on the internet?