

Year 5 Sharing Information

Computer Science

Digital Literacy

Information Technology



retrieval



Year 4 The internet



E-safety: safe searching

When using a search engine, you need to think very carefully about language used to find things out so that you don't see things that could be upsetting or inappropriate (linked to lesson 3).

Vocabulary

input	Code or set of numbers that a computer can read to do an action.	index	Catalogue of key words or web pages of information in alphabetical order.
system	Many parts working together using input, process and output	rank	Scores given to things such as population or position in a table.
Search engines	Online system to help you access information or images such as google.	SEO	Search engine optimisation to make sure it appears in frequent searches.

What?

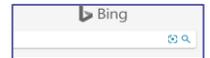
1

We have lots of **systems** around us that need an **input**. Computers rely on a system in order to do tasks given and they are all around us to make life easier.



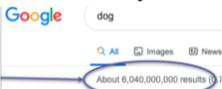
2

We can use different **search engines** to search the web. Asking specific questions helps to make the search more efficient. Do all search engines find the same information?



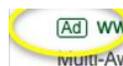
3

The World Wide Web has grown to billions of websites since it was created in 1991. Search engines have to use an **index** like a book and it tells you how results it finds so you need to be precise.



4

Search engines order and **rank** results to show what is most useful to the searcher. Website creators use **SEO** so their website is accessed more often by people. They also make money through adverts



5+6

Coding is language blocks used to control actions on a computer so that characters can move.

