

Knowledge Organiser: Computing

Computer Systems and Networks – Communication

In Year 5, you learnt:

- a computer system features inputs, processes, and outputs
- computer systems communicate with other devices
- digital systems are used in a wide range of public contexts
- connected digital devices allow access shared files stored online
- the internet enables effective collaboration



Key Vocabulary			
search	refine	content creator	one-to-many
search engine	index	selection	SMS
Google	crawler	public	email
Bing	bot	private	WhatsApp
Yahoo!	ranking	one-way	blog
Swisscows	optimisation	two-way	YouTube
DuckDuckGo	links	one-to-one	Twitter

Some of the ways of communicating over the internet include _____. In my opinion the most effective is _____ because _____.

This method - _____ - of internet communication is best when _____.

Three things that need to be considered when choosing how to communicate with someone using the internet are _____. In my opinion the most important is _____ because _____.



Key Facts

- the World Wide Web is a communication tool
- the two most common methods of searching are using a search engine and the address bar
- search engines use web crawlers to create an index of the World Wide Web

- a search engine follows rules to rank relevant pages
- the person performing a web search can influence the results that are returned
- content creators can optimise their sites for searching