



Objectives and Sticky Knowledge



Previous Knowledge Recap:

The internet as a network of networks

I can demonstrate how information is shared across the internet

A network needs protecting to ensure information is kept secure and is not changed or shared with anyone it shouldn't be.

Land Objectives and Sticky Knowledge:

To explain that computers can be connected together to form systems.	To 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
1. Computers can be linked via networks to allow people to share information easily. 2. Shared information on systems can be edited and changed via all computers in the system. 3. Each part of the system has a particular job to complete to make the system work. Systems are built using a number of parts.	1.Tasks such as online shopping and warehouse recording are managed by computer systems. 2.Humans control elements of a computer system. 3.The benefits of a given computer system can include speed, accuracy and swift information sharing.	1.A web search can be used to find specific information 2. Specific words can be used to refine my web search 3.Results from different search engines can be compared.	1.Web crawlers create an index to enable successful searches. 2.A search term can relate to the search engine's index	1.The most relevant results are ranked at the top of the results list. 2.A search engine follows rules to rank results

Sea:

Links with 'Communication':

Links with CST and CKA Values Crown:

# Year 5 Computing Advent 1 Knowledge Organiser

## Key Vocabulary

<b>network</b>	A number of computers linked together to allow them to “talk” to each other and share resources
<b>search engine</b>	Special websites that make it easy for you to find a website or page in an instant
<b>system</b>	A system of one or more computers and associated software with common storage

## Sky Objectives:

Use selection in programs in order to influence an algorithm.

Collect, analyse and evaluate information for specific goals.

Recognise the impact of online behaviours on the mental wellbeing of themselves and others.

