# Computing

## Autumn 2

## Key Vocabulary

| | | |
|---|---|---|
| system | input | process |
| output | search engine | web crawler |
| rank | influences | limitations |

## The Big Question

How is information transferred between systems and devices?

## What skills do will we need?

- To know how to conduct a search to find information on the internet, using key words to improve accuracy.
- To understand how to refine search terms to get more relevant results.
- To explain how ranking is used by search engines to order search results.
- To recognise inputs, processes and outputs in large IT systems.

## Small Steps

**Lesson 1**
What is a system?

**Lesson 2**
How do computer systems help us?

**Lesson 3**
How do we find information using a search engine?

**Lesson 4**
How do search engines select results?

**Lesson 5**
How are search results ranked?

**Lesson 6**
How are searches influenced?

## Forever Facts

- A system is a set of interconnected parts which work together. Computers can be connected together to form IT systems.
- When using a search engine, you must be specific with the search term you use to get the most effective results.
- Just like in a non-fiction book, search engines use an index to help give search results. These indices are created by programs called web crawlers.
- Web crawlers are programs which examine all the pages on a website.
- Website creators design sites so they will rank highly in searches. This is known as search engine optimisation.