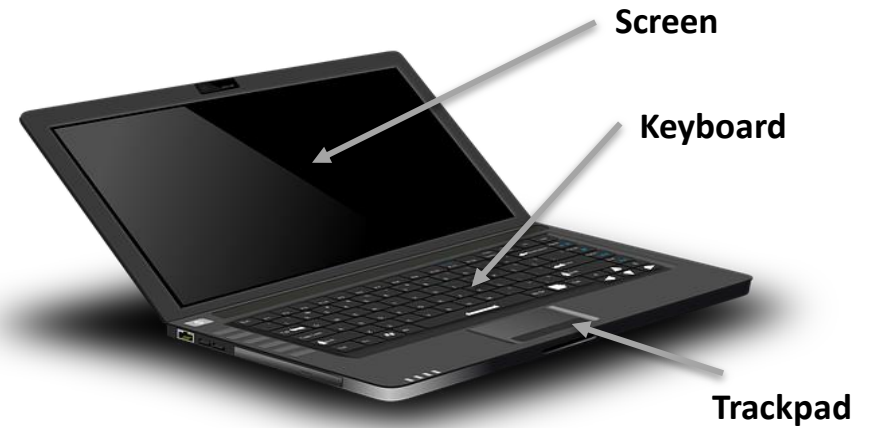


Computing Knowledge Organiser Year 1: We are Creators

Concept- **Computer Networks**

Key Vocabulary	Definition
Technology	Using scientific knowledge for practical purposes.
Create	To make something.
Type	To write something using a keyboard.

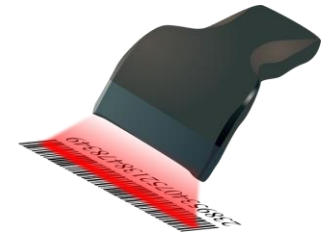


Computing Knowledge Organiser Year 2: We are Investigators

Concept- **Computer Networks**

Examples of IT at home, school and our community:

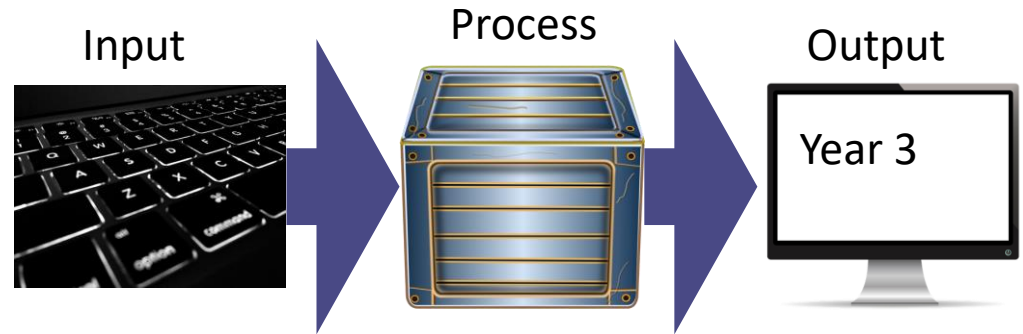
Key Vocabulary	Definition
Information Technology (IT)	The study and use of computers and objects containing computers/working with computers.
Barcodes	A code made up of bars, that can be read by a laser to get information.



Computing Knowledge Organiser Year 3: We are Connectors

Concept- **Computer Networks**

Key Vocabulary	Definition
Digital Device	A computer or a device with a computer inside that has been programmed for a specific task.
Input Device	A piece of hardware used to control, or send data to, a computer.
Output Device	A piece of hardware that is controlled by outputs from a computer.



Some examples of input and output devices:

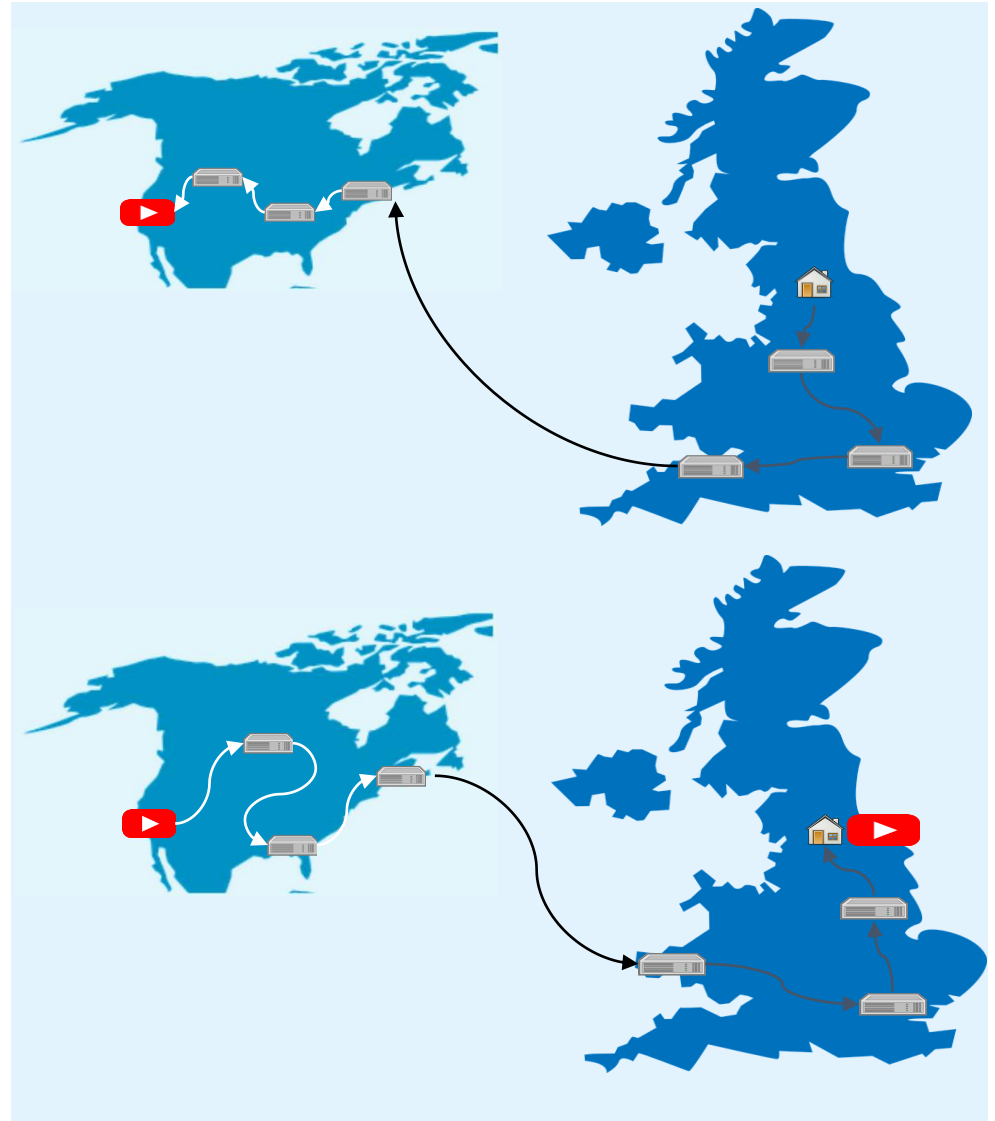


Computing Knowledge Organiser Year 4: We are Internet Explorers

Concept- **Computer Networks**

Key Vocabulary	Definition
Computer Network	A group of interconnected computing devices.
Internet	A worldwide system of computer networks.
Router	A device that manages the flow of data between computer networks
Website	A collection of interlinked web pages, stored under a single domain

A representation of a video in California, being requested and watched in Sheffield:

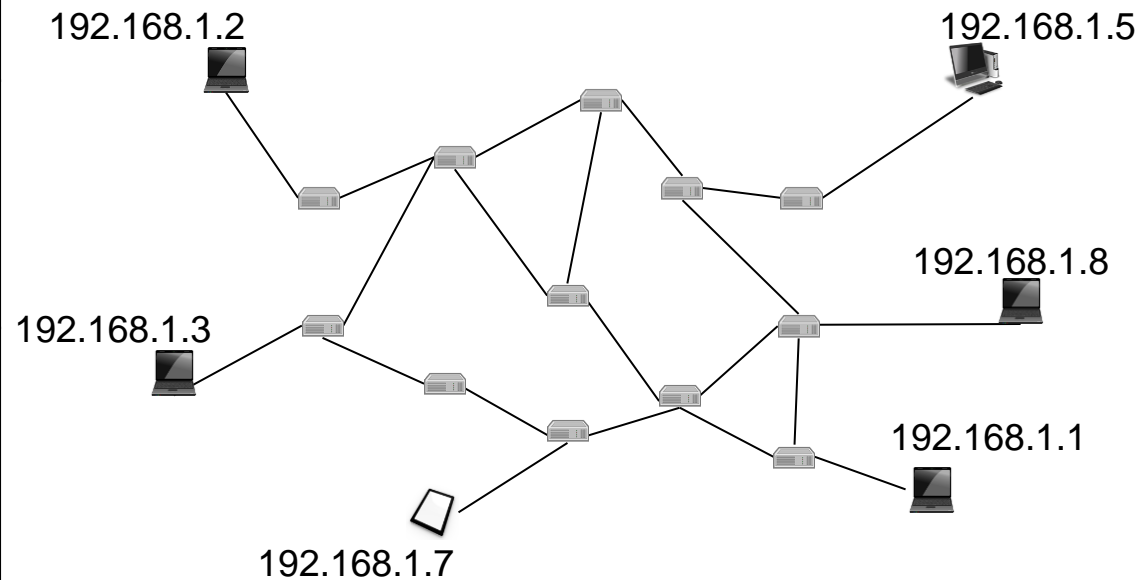


Computing Knowledge Organiser Year 5: We are Collaborators

Concept- **Computer Networks**

Key Vocabulary	Definition
Computer System	A combination of hardware and software that can have data input to it, which it then processes and outputs. It can be programmed to perform a variety of tasks.
Transfer	To move from one place to another.
IP Address	A unique string of characters that identifies each computer using the Internet Protocol. Data can be sent from one computer to another using these.

A representation of how computer networks are connected.

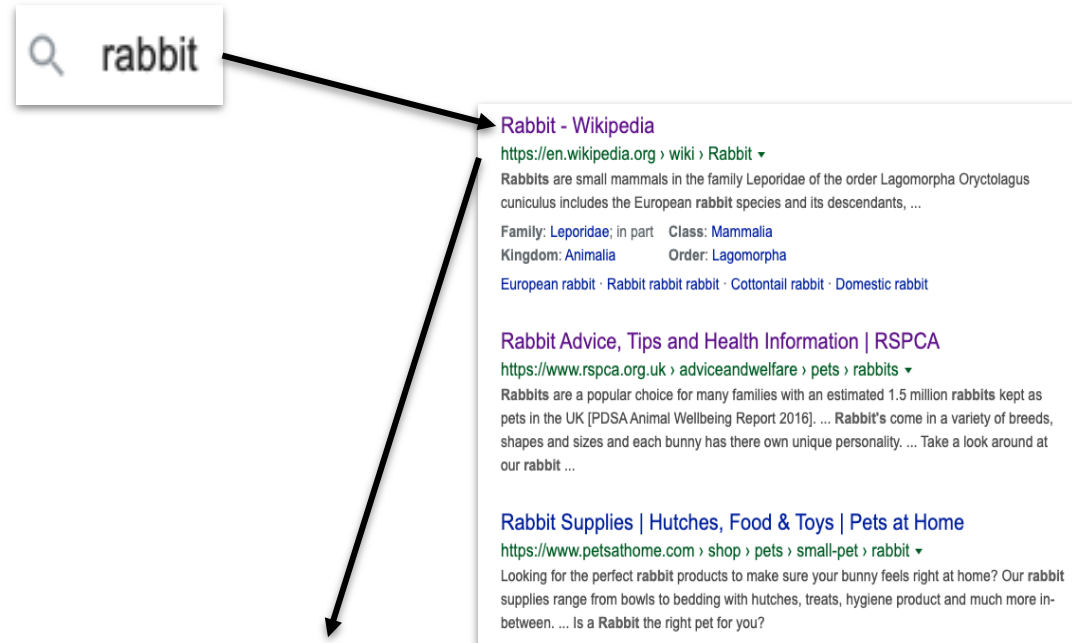


Computing Knowledge Organiser Year 6: We are Communicators

Concept- Computer Networks

Key Vocabulary	Definition
World Wide Web (WWW)	A service provided via the internet that allows access to web pages and other shared files.
Search Engine	A software program that helps people find the information they are looking for online using keywords or phrases. For example, Google or Bing.
Web Crawlers	A type of bot that is typically operated by search engines. It indexes (sorts) the content of websites across the WWW.

An example of using a search engine:



A search engine interface showing a search for "rabbit". The search bar contains the word "rabbit" and a magnifying glass icon. Below the search bar, three search results are displayed:

- Rabbit - Wikipedia**
<https://en.wikipedia.org/wiki/Rabbit>
Rabbits are small mammals in the family Leporidae of the order Lagomorpha. *Oryctolagus cuniculus* includes the European rabbit species and its descendants, ...
Family: [Leporidae](#); in part Class: [Mammalia](#)
Kingdom: [Animalia](#) Order: [Lagomorpha](#)
[European rabbit](#) · [Rabbit rabbit rabbit](#) · [Cottontail rabbit](#) · [Domestic rabbit](#)
- Rabbit Advice, Tips and Health Information | RSPCA**
<https://www.rspca.org.uk/adviceandwelfare/pets/rabbits>
Rabbits are a popular choice for many families with an estimated 1.5 million rabbits kept as pets in the UK [PDSA Animal Wellbeing Report 2016]. ... Rabbit's come in a variety of breeds, shapes and sizes and each bunny has their own unique personality. ... Take a look around at our rabbit ...
- Rabbit Supplies | Hutches, Food & Toys | Pets at Home**
<https://www.petsathome.com/shop/pets/small-pet/rabbit>
Looking for the perfect rabbit products to make sure your bunny feels right at home? Our rabbit supplies range from bowls to bedding with hutches, treats, hygiene product and much more in-between. ... Is a Rabbit the right pet for you?



A screenshot of the Wikipedia article for "Rabbit". The page features the Wikipedia logo (a globe with letters) and the text "WIKIPEDIA The Free Encyclopedia". The article title "Rabbit" is prominently displayed, with a "Talk" tab next to it. Below the title, it says "From Wikipedia, the free encyclopedia".