

# Y4 Computing N2K – Spring 1

## Computing Systems and Networks - The Internet

### Concepts

#### **Computer Science**

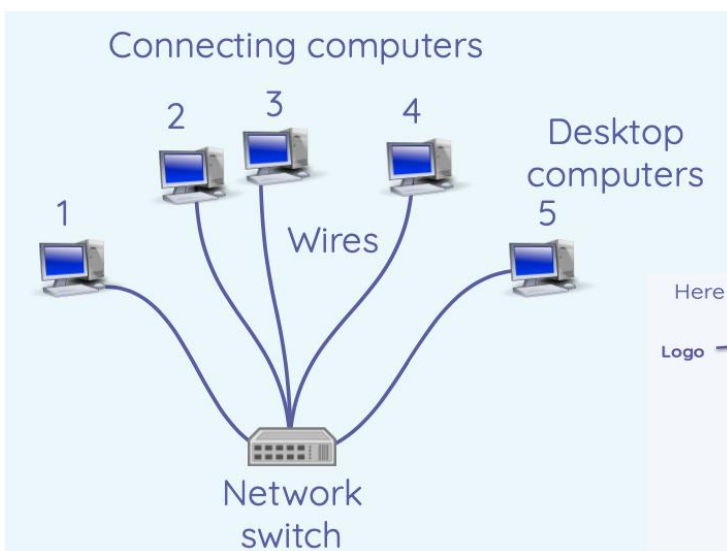
Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication.

#### **Digital Literacy**

Use technology safely, respectfully, and responsibly. Recognise acceptable and unacceptable behaviour.

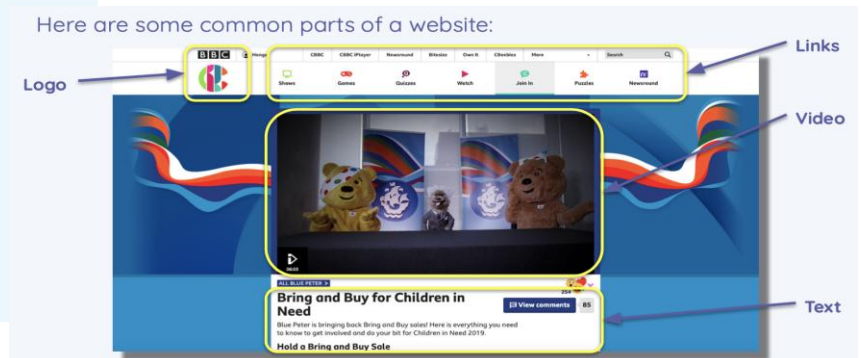
### Key Skills

- Describe how networks physically connect to other networks and how networked devices make up the internet.
- Outline how websites can be shared via the World Wide Web (WWW).
- Describe how content can be added and accessed on the World Wide Web and recognise how the content of the WWW is created by people.
- Evaluate the consequences of unreliable content.



### Enquiry Questions

What is the internet made of?  
What is a website?  
Who owns the web?  
Can I believe what I read?



### Key Vocabulary

**network** - A group of connected computing devices.

**internet** - The global system of connected computer networks.

**router** - A device that manages the flow of data between computer networks.

**World Wide Web (WWW)** - A service using the internet that allows access to web pages.

**website** - A collection of interlinked web pages, stored under a single web address.

**web page** - A document on the WWW viewed using a web browser.

**web browser** - A program used to view, navigate, and interact with web pages on the WWW.

**content** - Any data stored on the WWW (including audio, video and images).

**ownership** - Who or what created a piece of content.

**permission** - Who is allowed to use a piece of content.