

# Y6 Computing N2K – Computing Systems and Networks Spring 1

## Concepts

### **Information Technology**

Use technology purposefully to create, organise, store, manipulate and retrieve digital content.

### **Digital Literacy**

Recognise common uses of information technology beyond school. Use technology safely, respectfully and responsibly.

## Key Skills

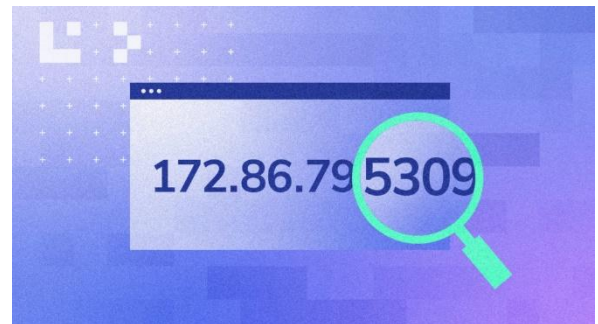
- I can recognise that data is transferred using agreed methods.
- I can identify and explain the main parts of a data packet.
- I can recognise how to access shared files stored online.
- I can explain the different ways in which people communicate.
- I can decide when I should and should not share information online.

## Enquiry Questions

What is an IP address?

What is a data packet?

How could we complete a collaborative project online?



## Key Vocabulary

**Data** – Information that is collected.

**File** - A file is a container in a computer system for storing information.

**IP Address** - An IP address can be described as a unique address used to identify individual internet-enabled devices.

**Data Packet** - A packet is a block of user data, together with necessary address and administration information attached, to allow the network to deliver the data to the destination.

**Online Safety** – Staying safe online. Knowing what to make public and what to keep private.

**Collaborative** – Working together to achieve a goal.