

**Year 6 Unit Medium Term – Computing – Networking**

**N.C POS**

- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behavior; identify a range of ways to report concerns about content and contact

**Concept:** change, information, communication, technology,

**Strand/s of Computing in this Unit:** Digital Literacy

**Key Vocabulary:** network, packets, IP address, communication, collaboration, internet, wireless, wired, router, server, WWW (world wide web)

**Prior Learning:** understanding that anyone can author on the internet, begin to understand that copying text from a website is the equivalent to stealing (plagiarism), begin to understand that what is on peoples' websites belongs to them, understanding what digital citizenship is

**Core Knowledge- non-negotiable- specific knowledge must be identified here**

- Explain what a network is.
- Describe how information/data is transported on the Internet using packets and IP addresses.
- Describe the opportunities computer networks and the internet offer for communication and collaboration.
- Understand the difference between the internet and an internet service.
- Describe how a classroom device connects to the internet and web.
- Understand how search results are selected and ranked.
- Explain how algorithms can be used to sort data.

**Wider Influences:**

**Enduring Understanding:**

- **Understanding of how devices are connected to the internet and web.**