

## **Medium Term Plan - Computing – Internet Research & Networks**

### **N.C POS**

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behavior; identify a range of ways to report concerns about content and contact
- 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 and collaboration

**Strand/s of computing in this unit:** Digital Literacy

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

**Prior Learning:** search engines such as Google, Bing and Yahoo, web links, blog posts, online and offline, SMART rules, what a web browser is, email is a good form of communication, how to use a search engine to find a picture, personal information should be kept private from strangers online

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

- Understand what a network is
- Understand that the World Wide Web (WWW) is part of the Internet that contains websites
- Understand how search engines select and rank information

### **Wider Influences**

- Networks are all around – railway networks, road networks and bus networks. These are systems that connect towns and cities by rail or car.
- The WWW will be used by people everywhere for lots of different purposes. It can be used for online shopping for food and clothes, children and adults can use it for educational purposes and it can be used to map out routes for journeys.

### **Enduring Understanding**

- **Have an understanding of the internet as a network linking computers and devices across the world.**
- **Have an understanding of how search engines work.**