

Autumn 2 Year 4 – The Internet

Computing Concepts



Presentation

Presentation
Expressing ideas



Systems

Systems
Knowing how to create and use programmes



Digital world

Digital World
Knowing how to use a range of technology

Curriculum Objectives

- 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
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- 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 behaviour; identify a range of ways to report concerns about content and contact.

Learning Overview

Learners will apply their knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure. They will learn that the World Wide Web is part of the internet, and will be given opportunities to explore the World Wide Web for themselves in order to learn about who owns content and what they can access, add, and create. Finally, they will evaluate online content to decide how honest, accurate, or reliable it is, and understand the consequences of false information.

Lessons will cover:

- Connecting networks
- What is the internet made of?
- Sharing Information
- What is a website?
- Who owns the web?
- Can I believe what I read?