Mayflower FEDERATION

Autumn 2 Year 6- Communication and Collaboration

Computing Concepts	Presentation Expressing ideas	Systems Knowing how to create and use programmes	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
- 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

In this unit learners explore how data is transferred over the internet. Learners initially focus on addressing, before they move on to the makeup and structure of data packets. Learners then look at how the internet facilitates online communication and collaboration; they complete shared projects online and evaluate different methods of communication. Finally, they learn how to communicate responsibly by considering what should and should not be shared on the internet.

Lessons will cover:
- Internet addresses
- Data packets
- Working together
- Shared working
- How we communicate
- Communicating responsibly