



## Linked learning theme: Year 4 – Autumn 1

### Computing – Computing systems and networks – The Internet

#### Prior Learning

- The children will have completed the Connecting Computers unit during Year 3, which will have started to develop their knowledge of linked networks. They will expand this knowledge further to see how more systems can be linked.

#### Core knowledge

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.

#### Key skills

- Identify some of the key components required for information to be shared over the internet.
- Explain the basic information that should be kept off the internet to maintain security.
- Differentiate between websites and webpages.
- Identify features of a website.
- Describe how ownership affects use of content on the web.
- Identify inaccurate or dishonest content.

#### Vocabulary

Content  
Internet  
Network  
Network switch  
Ownership  
Router  
Security  
Webpage  
Website  
World Wide Web

#### Learning Outcomes

- To describe how networks physically connect to other networks.
- To recognise how networked devices make up the internet.
- To outline how websites can be shared via the World Wide Web (WWW).
- To describe how content can be added and accessed on the World Wide Web (WWW).

- To recognise how the content of the WWW is created by people.
- To evaluate the consequences of unreliable content.