What I Need to Know: Y4 Computing – The Internet

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name: Class:

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

Create, Communicate & Evaluate	
Complete information sharing activity & evaluate how quickly inaccurate information can spread	

Question, Reason, Discuss & Explain	
Describe how networks physically connect to other network devices & the internet	
Discuss why a network needs protecting	
Outline how websites can be shared via the World Wide Web (WWW) and that the WWW contains websites and web pages.	
Describe how content can be added and accessed on the World Wide Web (WWW) including my own content	
Explain the consequences of unreliable online content & not all online content is reliable	

Know & Do	
Know that the World Wide Web (WWW) is made up from a network of networks	
Recognise how the content of the WWW is created by people & that there are rules to protect content	

Vocabulary I need to know…

Internet network router network security network switch wireless access point (WAP) router routing website web page web address route tracing browser World Wide Web content links files use download sharing ownership permission accurate honest adverts

Opportunities to support English and maths

- Skim and scan texts to retrieve information or quotes quickly and accurately
- Summarise main ideas from more than one paragraph
- Make and justify inferences with appropriate evidence from the text
- Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities

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Respect   *Responsibility*   *Reflection*   *Resilience*