

Computing

Subject: Computing
 Year group: 3/4
 Cycle: B Autumn
 Focus:
 Systems and Networks
 The Internet

Intent

At Hady Primary School, the children have access to an engaging and inspiring computing curriculum that equips pupils with the essential skill of computational thinking. Children are provided with the opportunity to develop their creativity through the use of a wide range of programs and applications that make deep links with mathematics, science and design and technology. At Hady, children immerse themselves into the world of computer science through first hand use of chrome books, iPads and interactive whiteboards.

Specific Knowledge

Key Vocabulary

Word	Definition
Internet	The global system of interconnected computer networks
Network	A group of interconnected computing devices
Router	A device that manages the flow of data between computer networks
Server	A networked computer that manages, stores, and provides data such as files to other computers
Wireless Access Point (WAP)	A network device that allows wireless computing devices to connect to a
World Wide Web (WWW)	A service provided via the internet that allows access to web pages and other

Enabling Knowledge

- To describe how networks physically connect to other computers.
- 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 access on the World Wide Web (WWW)
- To recognise how the World Wide Web (WWW) is created by people
- To evaluate the consequences of unreliable content

How do previous questions/topics link to the current topic?

Children should have some understanding of networks.

Children should understand the difference between digital and non-digital devices



Online Safety

Self-Image and Identity

Shaping online identities and how media impacts on gender and stereotypes

Online Reputation

Relationships and behaviours that may lead to harm and how positive online interaction can empower and amplify voice.

Assessment— What is the internet? What is the purpose of a router? What is the internet? What can be shared across the WWW?