Unit 4.8 - Hardware Investigators: Prior and Future Learning Links

Technology Outside School

- Developing ideas about the concept of technology that we are surrounded by and its purpose
- Understanding that many devices use computational technology



Effective Searching

- · Exploration of what the Internet is and how devices allow connections to access functions and the World Wide Web
- Searching and sharing



Email

Using device functions for 2-way communication via the World Wide Web

All units

- Children develop an understanding of the software capabilities of devices that they can then relate to the hardware components
- Use of 2Dos
- Saving, opening and editing work
- Sharing work

Online Safety Units







Understanding of the connections and communications between devices and device capabilities.



Effective Searching

Understanding of the 2-way communication technologies using algorithms that run of the hardware



Hardware Investigators



Artificial Intelligence

- Understand current and future uses of artificial intelligence
- Develop creative Al use in music and art



Using device functions for 2-way communication via the World Wide Web



6.8

Networks

The hardware aspects of LAN and WAN



The relationship between the hardware components and the signals that are sent that represent software functions

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