Networks

| Prior Learning | |
|---|---|
| Prior learning will be the children's knowledge naming some computer peripherals and their functions, recognising different forms of technology and knowing that technology follows instructions as well as being able to explain the role of computers in their world. | |
| **Key vocabulary for this unit** | |
| Device<br>File<br>Internet<br>Network<br>Network switch<br>Packet data<br>Router | Server<br>The cloud<br>User<br>Wi-Fi<br>Wired<br>Wireless<br>Wireless access point |

| Learning Sequence | |
|---|---|
| What is a network | • To recognise what a network is. |
| A file's journey | • To demonstrate how information moves around a network. |
| How a website works | • To demonstrate how a website works. |
| Routers | • To explore the role of a router. |
| What is packet data? | • To identify the role of packet data. |

| Assessment milestones | |
|---|---|
| **Key ICT Skills:**<br>• To identify the key components that make up the school's network, including whether they are wired or wireless.<br>• To learn how data is transferred.<br>• To learn about the purpose of a router. | **Key ICT Knowledge:**<br>• To recognise that a network is 2 or more devise connected and its purpose.<br>• To know that a server is central to a network and responds to requests made.<br>• To know that the Internet connects all the networks around the world. |