

Year 5 – Sharing Information

Key Vocabulary for the unit:

Computer network – A number of connections linking devices together

Computer systems – consist of hardware and software.

Digital device – a piece of physical equipment that uses digital data

Internet – is connected by lots of routers.

Network switch – A device that connects multiple devices on a network with one another

Router – enables us to connect a network to the internet and to connect lots of networks together.

Server – a networked computer for storing files.

SMART rules – Our online safety rules. Smart, Meet, Accepting, Reliable, Tell.

Wireless access point – A wired device that sends and receives wireless signals for devices with wireless connectivity to and from the rest of the network connectivity.

WWW – is part of the internet where we can visit web pages and websites.

Key Knowledge for the unit:

1. Computer networks work together to pass messages from one device to another.
2. WWW stands for World Wide Web.
3. The WWW is part of the internet.
4. A router is a device which directs information around the internet.
5. Everything that is on the internet is not always accurate.
6. A system is made up of people and computers. It can have parts in different countries as long as the parts are able to communicate.
7. Computers use special addresses called IP addresses.

Useful diagrams for the unit:

