Year 3 – Connecting Computers

Key Vocabulary for the unit:

Computer network – A number of connections linking devices together

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

Information technology – is a term that encompasses all forms of technology used to create, store, exchange, and use information in its various forms

Input – a piece of equipment used to provide data and control signals

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

Output – allows data to be transmitted by the computer in a human-friendly form, for example, sound being played through a speaker.

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.

Key Knowledge for the unit:

1. Computer networks work together to pass messages from one device to another.

2. Input devices are used to provide data and control signals to a digital device. An example of this is typing on a keyboard to turn into letters on a word processor.

3. Output devices are used to give the results of processed data. An example of this is a computer printer taking information from a computer and printing it so it can be seen.

Useful diagrams for the unit: