Computing – Connecting computers

Claregate Primary School

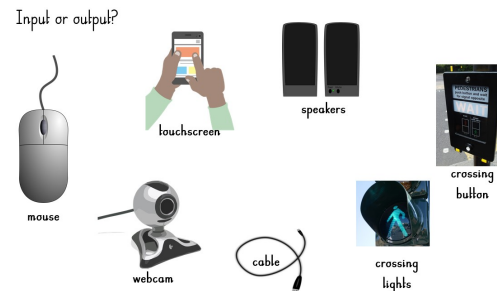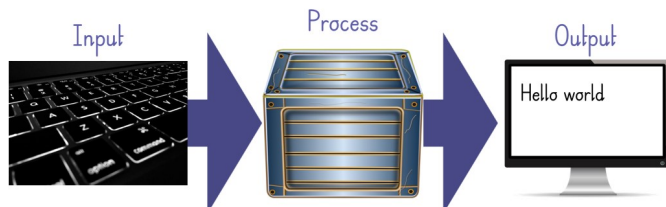| Communicating	Publishing	Coding	Safety
Computer technologists use ICT to communicate with a range of audiences, and to research information.	Computer technologists use a range of software to present and record information.	Computer technologists create and debug programmes.	Computer technologists know how to use ICT equipment, communication devices and the internet safely.

What should I already know?

Types of devices
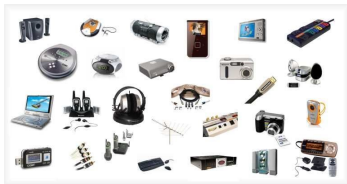
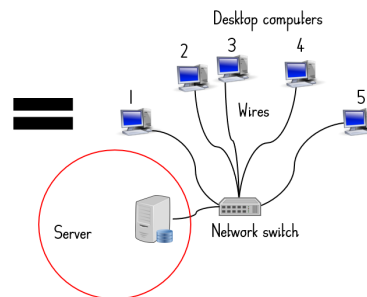We can use different kinds of technology to help us.

What am I going to learn?

Digital devices must have an input, a process and an output.

Input → Process → Output

Hello world

A server is a device that can store extra documents that many can have access to. Wireless (WiFi) devices can access the server and send messages between desktop computers without wires.

They can connect to any device in the network.

Which devices input or output data?

Input or output?

touchscreen

speakers

mouse

webcam

cable

crossing button

crossing lights

Desktop computers

2 3 4

1

Wires

5

Server

Network switch

Key Vocabulary	Definition
digital device	An electronic device that can create, generate, send, share, receive,, display, or process information.
input	The information given to a computer
output	The information given by a computer.
process	A program running in a computer
connection	An access point to a network
network	A set of computers sharing resources located on or provided by network nodes
network switch	Allows two or more devices to connect with each other
server	Allows a computer to connect to another computer.
program	The list of instructions given to a computer

Computer and Internet Safety

1. Always ask permission before using the internet.

2. Use safe and secure websites.

3. Tell an adult if something upsets you.

4. Never talk to people you do not know.

5. Never give out personal information.