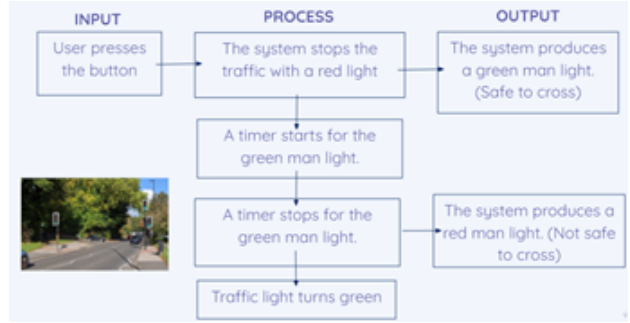


Technology in Our Lives

What is a Digital System?

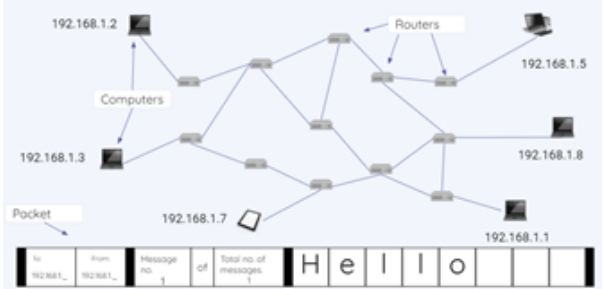
A system is a number of things (parts, components, people) that work together to complete or perform a task. For example a washing machine or a pedestrian crossing.



Computing Skills and Vocabulary

Input and Output	The instructions and results of a process
Protocol	An agreed way of doing something like rules.
IP address	A series of numbers which make up the location of a computer
Packet	The way a computer links information.
Connection	Connections are links or joins to others.
Network	Networks are lots of connections working together to connect devices.
Router	Routers connect networks together
Internet	A network of networks all connected
World Wide Web	A world wide network or networks forms the internet.
Server	A server connects to a network switch. It stores files and manages the network.

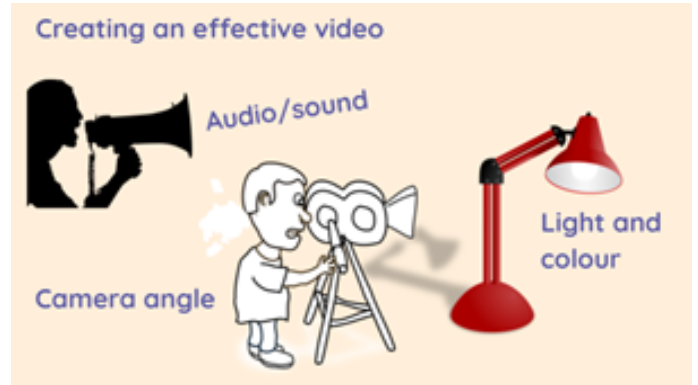
Sending messages



Multimedia

How do we change video images?

Video is the recording, reproducing, or broadcasting of moving visual images and is made up of a sequence of images played back in quick succession, giving the illusion of movement. Once created it can be changed and edited.



Computing Skills and Vocabulary

Video	A series of images played in sequence
audio	The sound played over a video
recording	The way the video and sound are captured
storyboard	A plan of how the video will look-the events.
script	A plan of what audio or words will be said
soundtrack	An organised sequence of audio
dialogue	The voices and words used in a video.

Coding

What are algorithm conditions and how can we use them?

Algorithms can be complex and depend on other factors and outcomes depending on the sequence of conditions used.

Modifying conditions



Computing Skills and Vocabulary

selection	IF something is chosen or pressed.....
condition	IF it meets the criteria of the selection
repetition	A loop or several repeated actions
outcome	What will happen in the selection and condition are met