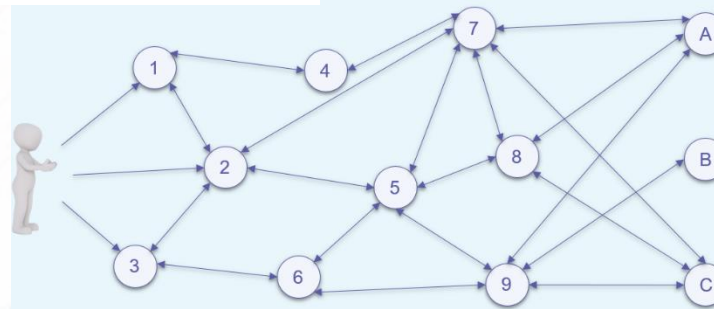


YEAR 4 – AUTUMN 1 – COMPUTING Knowledge Organiser

Vocabulary

Network Switch	A device that connects multiple devices on a network with one another
Router	A device which enables messages to be passed <i>between networks</i> via switches.
Output device	A device which displays the result of processed data
Server	A networked computer for storing files
Wireless access point	A wired device that sends and receives wireless signals

Routing:



A route is a way of getting from one place to another.

As you can see from the diagram above, there are different ways of information being sent from one point to another. How many different ways can the person send sent to person C?

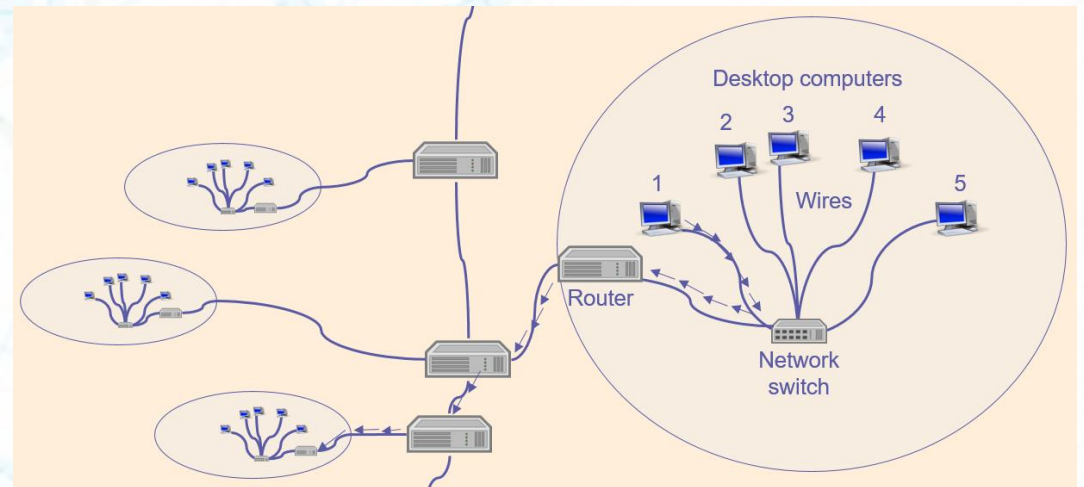
Content:

You will explore different types of content, which you can use in different ways. Much of this work is copyrighted so you can't use it as your own:

	Can I view?	Can I download?	Can I use it as my own (with credit)?
Dan TDM YouTube	✓	✗	✗
LEGO	✓	✓	✗
Scratch	✓	✓	✓

Connecting networks:

When a message passes between networks, it follows a route like this, passing through many routers:



YouTube: <https://www.youtube.com/watch?v=ObNYIm7HJs8> – Networking for pupils