Computing	Knowledge organiser
LKS2	Autumn 2

Information Technology: Networks
Key Question: Can I explore what network explorer is and how it works?
End Point: To create a video about what I have learnt about computer networks.

	Network	A connected group
	Server	a computer or computer program which manages access to a network.
	Client	Part of a computer network that makes a request to the server
	LAN (local area network)	A collection of devices connected together in one place, such as a building, office, or home.
	Switch	A device in a computer network that connects other devices together.
	Timeline	The order of events.

What is a computer network?
A computer network is formed when two or more computers are connected together.

When computers are connected together, they can share information allowing them to do more

I can statements:

I can explain what is meant by the term 'identity'.
I can explain how people can represent themselves in different ways online.
I can explain ways in which someone might change their identity depending on what they are doing online (e.g. gaming; using an avatar; social media) and why.
I can recognise different connections.
I can explain how messages are passed through multiple connections.

I can discuss why we need a network switch.
I can identify how devices in a network are connected together
I can identify networked devices around me
I can identify the benefits of computer networks

I can consider what content to add
I can think about what equipment I will need

Lesson 1 - To explore online identity.

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Lesson 2 -To recognise components of a network.

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Lesson 3 -To recognise the physical components of a network

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Lesson 4 -To plan a video.

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Lesson 5 - To create a video

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6 - To edit and evalute