




What I Need to Know: Y3 Computing - Connecting Computers

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name:

Class:

We will develop our understanding of digital devices, with an initial focus on inputs, processes, and outputs. We will compare digital and non-digital devices. We will also be introduced to computer networks, including devices that make up a network's infrastructure, such as wireless access points and switches. Finally, we will discover the benefits of connecting devices in a network.

 Create, Communicate & Evaluate	
Scavenger hunt – create a poster showing the purpose of devices on the school network	
 Question, Reason, Discuss & Explain	
Explain how a computer network can be used to share information	
Explain how digital devices function	
Recognise how digital devices can change the way we work	
Recognise the physical components of a network including switch, server & wireless access point	
 Know & Do	
Know how digital devices can be connected	
Identify input and output	

Vocabulary I need to know...
digital device input output process program connection network network switch server wireless access point (WAP)

Opportunities to support English and maths
<ul style="list-style-type: none"> • Skim and scan texts to retrieve information or quotes quickly and accurately • Summarise main ideas from more than one paragraph • Make and justify inferences with appropriate evidence from the text • Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities
<ul style="list-style-type: none"> • Identify networks and devices at home