

Connecting computers

Innovation



Prior Knowledge

Year 1: Computing systems and networks, creating media: digital painting, digital writing, grouping data, moving a robot, introduction to animation.

Year 2: IT around us, digital photography, making music, pictograms, algorithms, quizzes.

My Component Knowledge:

Lesson 1: I can explain how digital devices function.

Lesson 2: I can identify input and output devices.

Lesson 3: I can recognise how digital devices change the way we work.

Lesson 4: I can explain how a computer network can be used to share information.

Lesson 5: I can explore how digital devices can be connected.

Lesson 6: I can recognise the physical components of a network.

My Composite Knowledge:

I understand that digital devices can perform a range of functions that can be useful in everyday life. I understand how digital devices can impact the way we work.

My Powerful Knowledge:

I am developing my understanding of computing systems and what each component can be useful for. I understand that computers impact our daily lives.

Key Vocabulary

Tier 1: computer

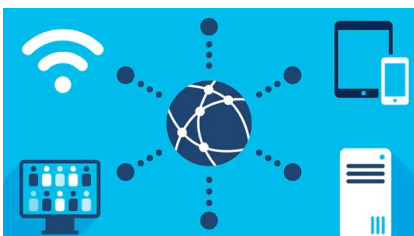
Tier 2: digital device, input, output, connections, server, networks, systems, network switch

Tier 3: function, process, infrastructure



What is a function?

What is an input?



What is a digital device?