

# Year 2

## Computer Systems and Networks: IT Around us

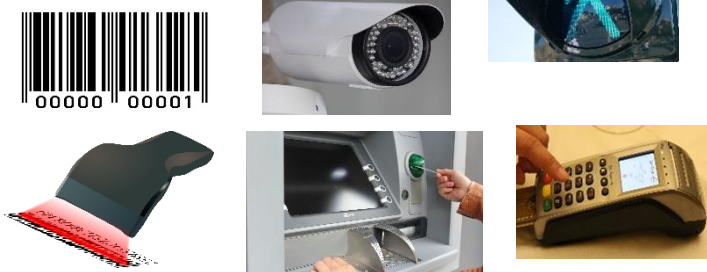
### Prior Learning (Y1):

Learners will develop their understanding of technology and how it can help them in their everyday lives. They will begin to become familiar with different components of a computer.

### Key Vocabulary

Information Technology	Is a computer or something that works with a computer
Barcode	A barcode contains a code that can be read very quickly by a computer

**We have IT all around us, for example:**



### Current Learning (Y2):

Learners will develop their understanding of what information technology (IT) is and will begin to identify examples. They will discuss where they have seen IT in school and beyond, in settings such as shops, hospitals, and libraries. Learners will then investigate how IT improves our world, and they will learn about the importance of using IT responsibly.

**Examples of Information Technology we might find in school:**



### Future Learning (Y3):

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

### Digital 5-a-day

Our Digital 5-a-day is all about having a 'balanced digital diet'.



### Key Questions:

- What is information technology?
- Where can we find it in school?
- How is it used around the world?
- What are the benefits of using IT?
- How can we use IT safely?
- How can we use IT in different ways?

### Rules for using Information Technology Safely:

- Keep passwords safe
- Ask someone before taking their photo
- Stop using IT when you should be listening