Computing Systems and Networks: IT All Around Us	Year 2	Autumn 2

Inspire Academy
Discovery Adventure Exploration

My Year 1 unit on Technology All Around Us will help me with this unit.

This unit will help me with my Year 3 unit on Connecting Computers.

Key information

They are not all computers...

... but they **are** all examples of information technology

Vocabulary	
Information Technology (IT)	Computers, or devices that have computers inside them
Barcode	A set of code that the computer in a scanner can read to find the full information e.g. a price / item name
Balanced Digital Diet	Balancing the time spent using technology with the majority of time being used for learning, creating and connecting and a smaller amount of time being used for gaming and social media

Online Safety Focus	Key Computing Skills and Knowledge
• Know that we must keep **passwords** safe • Know that we must not share **personal information online** • Know that we should always ask **permission** before taking a **photograph** of someone • Know that we must be kind to people **online** • Know that if someone is unkind to us **online,** we should tell someone we trust • Know that it is important for our health and wellbeing that we have a **balanced digital diet**, with a variety of non-screen based activities included in our day • Know that **Information Technology** has many positives but it can also have some negative effects	• Know the names of a number of **devices** e.g. **tablets / iPads, phones, laptops, desktop computers, Bee-bots, interactive whiteboards, TVs, printers, USB flash drives, games consoles, digital cameras / speed cameras / CCTV cameras, tills, scanners, cash machines, card machines, traffic light / crossing systems, smart watches, smart speakers** (e.g. Amazon Alexa) • Know some similarities and differences between **devices** • Know a variety of purposes that **IT devices** are used for • Know a variety of places where **IT devices** can be found, beyond school and home