

Year 2. Information Technology

This unit builds on the understanding of what technology is (as studied in Year 1: Introduction Unit) and focuses on devices that can be described as information technology (IT). Pupils learn that IT can be explained as being a computer or something that is made to work with computers. Pupils identify whether an object is IT and identify examples and the purpose of different IT in the school setting. They build on from this by exploring IT in environments beyond the school, including home and other workplaces, with a focus on the benefits of IT in shops. Finally, pupils will look at rules that may be associated with using IT in various ways, building on prior understanding of rules to keep them safe when using technology both in and beyond the home (Year 1 Project Evolve Lessons) explaining how these rules can keep them safe when using IT and/or when going online. They will use prior knowledge of the type of information that they should keep private when working online (studied in Year 1 Unit 1:1 and Project Evolve lessons) to support, and will revisit what to do if something worries them when working online.

Vocabulary: Information Technology, Computer, Personal Information, Online, Offline, Trusted Adult

Knowledge covered:

NC	Ladders Objectives
Recognise common uses of information technology beyond school	Y2 - DL1 (KPI) I can identify some common uses of technology (including information technology) outside of the school
Use technology safely and respectfully, keeping personal information private; identify where to go to for help and support when they have concerns about content or contact on the internet or other online technologies.	Y2 – DL3 (KPI) I understand some basic rules about how to communicate safely with other people online. Y2-DL2 I am beginning to understand that people may look and act differently online and offline Y2-DL6 I am building an understanding of the kinds of information that can be found online (including content that may not be true) Y2-DL8 I can begin to understand how personal information can be kept private

Medium Term Lesson Plan:

Lesson 1 Unplugged	L.I: I understand the uses and features of information technology (IT) (follow NCCE planning lesson 1)	S.C: Identify examples of computers Identify that a computer is a part of information technology (IT)	<u>Key Questions from KWL:</u> *Prior knowledge* What is technology? (Y1-DL1) What is information technology?
Lesson 2	L.I: I can identify information technology in the school (follow NCCE planning lesson 2)	S.C: Identify examples of IT Sort school IT by what it is used for	<u>Key Questions from KWL:</u> What is information technology?

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Lesson 3	L.I: I can identify information technology beyond school (Y2-DL1 KPI) (follow NCCE planning lesson 3)	S.C: Find examples of IT Sort IT by where it is found Talk about the uses of IT	<u>Key Questions from KWL:</u> What is information technology? Where might you find IT outside of school? (Y2-DL1 KPI) What are some uses of IT outside of the school? (Y2-DL1 KPI)
Lesson 4 Unplugged	L.I: I can explain how IT helps us (follow NCCE planning lesson 4)	S.C: Recognise common types of technology (Y2-DL1 KPI) Demonstrate how IT devices work together Say why we use IT	<u>Key Questions from KWL:</u> What are some uses of IT outside of the school? (Y2-DL1 KPI)
Lesson 5	L.I: I can explain how to use IT safely (Y2-DL3 KPI) (follow NCCE planning lesson 5)	S.C: List different uses of IT Talk about different rules for using IT Say how rules can keep me safe	<u>Key Questions from KWL:</u> *Prior knowledge* What rules do you follow that keep you safe when using technology both in and beyond the home? (Y1-DL8) *Prior knowledge* What type of personal information should be kept private? (Y1-DL9 KPI) How can we keep personal information private? (Y2-DL8) How can we communicate safely with people online? (Y2-DL3 KPI) *Prior knowledge* What can you do if something worries you online? (Y1-DL3 KPI) What should you keep in mind when communicating with others online? ...they may act differently online and offline (Y2-DL2) ...what they say may not be true (Y2-DL6)