



British and School Values				Basic Skills (Reading & Communication)	Personal Development Positive mental and physical well being	Wonderful Words (Vocabulary & Quality Texts)	Memorable Experiences
respect	caring	safety	best				

Key Substantive “sticky” Knowledge I know...	Key Disciplinary Knowledge & Skills I can...
<ul style="list-style-type: none"> Common uses of IT in their home & give examples of this. What information I should keep private. To speak to an adult if I feel unsafe on the internet. An algorithm is a set of short & precise instructions for a computer. An error in an algorithm is a bug. Know and use symbols on a laptop programme eg. save, print, open, close. 	<ul style="list-style-type: none"> Follow a series of instructions (eg. listening to the instructions to draw a picture). Create a simple algorithm (unplugged). Save work on a laptop. Print work from a laptop. Open work on a laptop.

Learning Sequence			
	Substantive knowledge	Disciplinary knowledge objective	Activity
1	What information I should keep private. To speak to an adult if I feel unsafe on the internet.	Know what information is safe and unsafe. Know who to ask for help.	Across all sessions. Recap prior learning in Year 1 about keeping safe online.
2	Log on and off.	Follow instructions.	Log on and off using picture clues to support.
3	Know and use symbols on a laptop programme eg. save, print, open, close.	Follow instructions. Open work on a laptop. Save work on a laptop. Print work from a laptop.	Introduce finding a programme and model how to open, add information and save. Model how to print work (Aspirations)
4	Know and use symbols on a laptop programme eg. save, print, open, close.	Follow instructions. Open work on a laptop. Save work on a laptop. Print work from a laptop.	Create a picture of ‘Starry Night’ using a paint programme.
5	Know that an algorithm is a set of short & precise instructions.	Create a simple algorithm.	Build an algorithm to draw a simple picture (unplugged).
6	An error in an algorithm is a bug.	Debug a simple algorithm.	Debug an algorithm to draw a simple picture (unplugged).

Prior Knowledge I remember	Wonderful Words Key Vocabulary		Planned Experiences and Enrichment
<ul style="list-style-type: none"> • Common uses of technology in school and at home. • How to keep safe online, including keeping information private. • How to save, print and retrieve work on a laptop. • Controlling a floor robot. • Logging on / off a laptop. • Using a mouse / trackpad to locate a programme & close it when I am finished. 	Known Vocabulary	New Vocabulary	More activity ideas available here: https://www.kodable.com/learn/unplugged-coding-activities/ .
	Log in Username Password Log off Save Hardware Monitor Code Coding Algorithm Debugging Programme Mouse / trackpad Internet Technology Website Safe Choice Share	Unplugged: An activity that doesn't use technology. Loop: To repeat an instruction / a series of instructions	