<table>
<tr><td colspan="5">What are the aims and intentions of this curriculum?

That children:

• Recognise personal information and know to keep it private
• Can use technology to create and manipulate digital content
• Can begin to debug simple programs</td></tr>
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Term	Topic	Knowledge	Skills	Assessment
Autumn 1	<u>Who should you tell if you are worried or upset?</u>	• To know that there may be people online who could make me feel sad, embarrassed or upset • To know that I can speak to an adult I trust when I feel, sad, worried or uncomfortable • To know that people's online identity can be different to their identity in real life	• Can identify examples of issues that might make people sad, uncomfortable or worried when online • Can describe ways in which people might make themselves appear different online • Can identify examples of how they might get help	
		Vocabulary: identity, personal information, trust		
Autumn 2	<u>How can instructions be sequenced?</u> Software used: Alex	• To know what an algorithm is • To know that programs execute by following precise and unambiguous instructions	• To use logical reasoning to predict the behaviour of a program • To debug a simple program • To sequence instructions	
		Vocabulary: algorithm, sequence, debug, repeat, program		
Spring 1	<u>How are simple programs created?</u> Software used: Scratch	• To know what an algorithm is • To know how algorithms are implemented as programs • To know that programs execute by	• To create a simple program • To debug a simple program • To use block programming • To use technology purposefully	

		following precise and unambiguous instructions		
		Vocabulary: algorithm, block programming, debug, sequence, program		
Spring 2	How can devices be used to enable communication?	• To know that the internet can be used to communicate • To know why it is important to be considerate and kind to people • To know that information placed online can be copied • To know that some information is personal to me	• To recognise examples of information which is personal • To explain rules for keeping information private • To identify devices that could be connected to the internet • To identify people to trust and share information with	
		Vocabulary: trust, personal information, device, internet, sharing, communicate		
Summer 1	How can pictures be created and changed?	• To know that images can be altered using software • To know that work can be saved and retrieved later	• To save work • To retrieve work • To print work	
		Vocabulary: save, load, print, edit, copy, paste		
Summer 2	How can text and graphics be combined?	• To know that text and images can be combined in suitable software • To know how to insert images with text	• To use a basic word processor • To insert images • To combine images with text • To save work • To retrieve work • To print work	
		Vocabulary: text, image, copy, paste, insert, cut, save, file, open		