

Year 1 computing curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>E-safety unit to be taught for first computing lesson each half term</b>	Online bullying	Privacy and security	Self image and identity	Online reputation	Health and wellbeing	Copyright and ownership
<b>Computing unit</b>	Computer systems and networks : Technology around us	Creating media : Digital Imagery	Programming : Algorithms unplugged	Programming : Beebots	Data and information : grouping data	Rocket to the moon
<b>Planning scheme</b>	<a href="https://teachcomputing.org/curriculum/key-stage-1/computing-systems-and-networks-technology-around-us">https://teachcomputing.org/curriculum/key-stage-1/computing-systems-and-networks-technology-around-us</a>	Kapow	Kapow	Kapow	<a href="https://teachcomputing.org/curriculum/key-stage-1/data-and-information-grouping-data">https://teachcomputing.org/curriculum/key-stage-1/data-and-information-grouping-data</a>	Kapow
<b>Objectives covered</b>	To identify technology	To understand and create a sequence of pictures	To understand what an algorithm is	To explore a new device	To label objects	To recognise that digital content can be represented in many forms
	To identify a computer and its main parts	To take clear photos	To follow instructions precisely to carry out an action	To create a demonstration video	To identify that objects can be counted	To design a rocket
	To use a mouse in different ways	To edit photos	To understand that computers and devices around us use inputs and outputs	To plan and follow a set of instructions precisely	To describe objects in different ways	To sequence a set of instructions
	To use a keyboard to type on a computer	To search and import images	To understand and be able to explain what decomposition is	To program a device	To count objects with the same properties	To build a rocket
	To use the keyboard to edit text	To create photo collage	To know how to debug an algorithm.	To create a program	To compare groups of objects	To add data to a table or spreadsheet
	To create rules for using technology responsibly				To answer questions about groups of objects	