



St Peter's Computing Medium Term Plan



Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic 1: An introduction to computing (DL)	Topic 2: Grouping and Sorting (CS)	Topic 4: Following and creating instructions (CS)	Topic 5: Create a story on-screen (IT)	Topic 6: An introduction to spreadsheets (IT)	Topic 8: An introduction to coding (CS)
<u>Key learning</u> Login safely How to find saved work Start to add pictures and text How to open, save and print Understand the importance of logging out	<u>Key learning</u> Sort items using a range of criteria	<u>Key learning</u> To follow and create simple instructions on the computer To consider how the order of instructions affects the result To use the direction keys	<u>Key learning</u> Add animation to a story Add sound to a story Add backgrounds	<u>Key learning</u> Enter data into spreadsheet cells Use the count and speak tools	<u>Key learning</u> Use code to make a computer program Understand what an object and actions are Understand what an event is Use an event to control an object
<u>Key Vocabulary</u> Log in Log out Username Password Save	<u>Key Vocabulary</u> Sort Criteria	<u>Key Vocabulary</u> Instruction Computer Program Debug Direction	<u>Key Vocabulary</u> Animation E-book Font File Sound effect	<u>Key Vocabulary</u> Cells Columns Rows Spreadsheet	<u>Key Vocabulary</u> Coding Action Event Object
<u>Key questions</u> What is a password and why should we keep them safe? Where is my work stored?	<u>Key questions</u> In what ways can we sort objects?	<u>Key questions</u> What is an instruction? Why do we need to debug code?	<u>Key questions</u> What is an animated story? How can I use the computer to make my story more interesting?	<u>Key questions</u> What does a spreadsheet look like? How could you use the count and speak tools?	<u>Key questions</u> What is coding? Why is it useful to design before coding?
<u>Key resources</u> 2Explore	<u>Key resources</u> 2Do It Yourself	<u>Key resources</u> Paint projects 2Go	<u>Key resources</u> 2Create a story	<u>Key resources</u> 2Calculate	<u>Key resources</u> 2Dos Free code chimp
<u>Purple Mash unit</u> 1.1	<u>Purple Mash unit</u> 1.2	<u>Purple Mash unit</u> 1.4 1.5	<u>Purple Mash unit</u> 1.6	<u>Purple Mash unit</u> 1.8	<u>Purple Mash unit</u> 1.7

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Topic 3: Pictograms (IT)			Topic 7: Technology in the real world (DL)	
	<u>Key learning</u> Use a pictogram to record the results of an experiment			<u>Key learning</u> Find examples where technology is used	
	<u>Key Vocabulary</u> Pictogram Data			<u>Key Vocabulary</u> Technology	
	<u>Key questions</u> What does our data show?			<u>Key questions</u> What is technology? How does technology make our lives easier?	
	<u>Key resources</u> 2Count			<u>Key resources</u> 2publish plus	
	<u>Purple Mash unit</u> 1.3			<u>Purple Mash unit</u> 1.9	

DL = Digital literacy; CS = Computer science; IT = Information technology