

Year 1 – ICT- Spring 2 Geography, History, Homes

Computing Short Term Planning

Year Group: 1

Term: Spring 2

Subject area: Computing

Coverage of Skills	Generic Skills (Most children will...)
Data Handling ICT in Society Websites Programming	-I can print using the print icon -I can load a program with support -I can use a range of ICT equipment and software -I can talk about what I am doing with ICT -I can use appropriate ICT vocabulary

	Learning Objectives	Task design to meet the learning objective (including key questions)
1&2 Geography	<p>I can collect data and enter it in a graph</p> <ul style="list-style-type: none"> • Use a tally chart • Use Purple Mash 2Graph program to input data • Compare data and discuss results 	<p>Data Handling</p> <p>I can fill in a data collection sheet about favourite places in school.</p> <ul style="list-style-type: none"> • Model how to collect data on a tally chart <p>I can enter information into a template on a computer to make a graph</p> <ul style="list-style-type: none"> • Model inputting data into Purple Mash 2Graph program • Discuss the axes, title, labels and what the bar chart will show us • Model changing the title and axis labels. • Model choosing horizontal and vertical bar chart; explain that it is the same information. <p>I can discuss and explain the results shown on my graph.</p> <p>Challenge - Children to compare and contrast data in pie chart form and bar graph and to justify which one is the best.</p>

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<p>3&4</p>	<p>I can use different forms of technology to explore movement and position.</p> <ul style="list-style-type: none"> • Programming bee-bots <p>I can control a programmable toy-Beebots.</p> <ul style="list-style-type: none"> • Direction arrows • Clear • Go • On/Off 	<p>Controlling and Modelling Lesson 1-</p> <p>I can direct a beebot using multiple instructions.</p> <ul style="list-style-type: none"> • Model turning motion and sound on. • Model giving the beebot a simple instruction to move forwards. • Model clearing instructions. • Model giving the beebot a simple instruction to move backwards e.g. left, right. • Model giving the beebot a sequence of instructions to move from one place to another. • Model moving from one specific location to another specific location on the road map. <p>Children to explore and discuss the beebots in pairs, then plan their route and instructions using the road mats and other vehicles.</p> <p>Lesson 2- Outline how to use a beebot, describe to a partner.</p> <p>With a partner create a track, tunnel, obstacle route to complete using a beebot. Evaluate the journey/course and identify changes as needed e.g. to the course/beebot instructions.</p>
<p>History 5&6</p>	<p>I can use Purple Mash 2Publish (All About)</p> <ul style="list-style-type: none"> • Spacebar • Enter • Backspace • Delete • Shift key <p>I can change:</p>	<p>Text- Comparing old and new homes.</p> <p>I can use Purple Mash 2Publish (All About) to type sentences:</p> <ul style="list-style-type: none"> • Model how to load a photo using the green arrow (<u>pre-save photos in the file named 'Old and New homes' in Pictures for the children to select</u>). • Model how to build a sentence. (with support from word banks)

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	<ul style="list-style-type: none">• Colour• Size• Font	<ul style="list-style-type: none">• I can use All About to type sentences about similarities and differences between old and new homes. <p>Children to Save/Print their own work.</p> <p>Challenge: Explain what they did and what controls they used.</p>
	Cross – Curricular links Multimedia Websites ICT in society	