

Year 2 – ICT – Spring 1 Databases

ICT Short Term Planning

Year Group: 2

Term: Spring 1

Subject area: ICT

Coverage of Skills	Generic Skills (Most children will...)
<p><u>Data Handling</u></p> <ul style="list-style-type: none"> I can plot data as a pictogram or bar chart I can enter information to make a graph and I can print this I can fill in a data collection sheet I can search a simple prepared database 	<ul style="list-style-type: none"> -I can load programs independently -I can save and retrieve work independently -I can make simple modifications to my work. -I can use both hands to use the keyboard -I can use appropriate ICT vocabulary

	Learning Objectives	Task design to meet the learning objective (including key questions)
1	I can fill in a data collection sheet	<ul style="list-style-type: none"> Compare and describe examples of prepared graphs on IWB and discuss what it shows you. Outline how format could be used to collect data related to (Mexico) topic (e.g. Places people have visited) Discuss how this information could be collected, headings, total needed Class create a collective tally chart format on IWB with teacher demonstrating crossing to make groups of 5 Children complete tally chart <p>Challenge - Create a tally chart to find out where the teachers would most like to visit. (Limit to 6 possibilities)</p>
2&3	<p>I can plot data as a pictogram or bar chart</p> <p>I can enter information to make a graph and I can print this</p>	<ul style="list-style-type: none"> Look at tally chart from previous session Discuss how we can present this information in a different way. Demonstrate loading data handling software (Purple Mash 2Count/2Graph dependent on ability) <ul style="list-style-type: none"> Children to follow the simple procedure of entering data to form a graph, add title and label y and x axis.

Year 2 – ICT – Spring 1 Databases

		<ul style="list-style-type: none"> • Label, save and print graph/pie chart. • Look at the different formats used by children in class. Discuss which format presents the data most clearly and why. <p style="color: blue;">Challenge: Investigate the different ways data can be shown e.g. vertical, horizontal and pie chart. Evaluate the different graphs and justify their preferred choice.</p>
4	I can explore and discuss a simple prepared database	<ul style="list-style-type: none"> • Look at prepared database on Purple Mash > 2Investigate > Holidays • Explore the Holidays database and discuss the facts and information with their partner. • Reflect on how a database works and the kind of information you can retrieve. • Demonstrate answering a yes or no question to follow a path of information. <p style="color: red;">Challenge – Report back a piece of information you have learnt.</p>
5	<p>I can search a simple prepared database</p> <p>I can answer yes/no questions to get the information I need.</p>	<ul style="list-style-type: none"> • Children use a data base to find answers to prepared questions from class teacher. Answers can be found by clicking the 'find' icon at the top of the webpage (magnifying glass icon) then filtering accordingly. <p>E.g.</p> <ul style="list-style-type: none"> - How many resorts are hotter than 25 Celcius? -How many resorts can you do beach sports in? -How many resorts take longer than 3 hours to get to? <p>Answers to questions to be written in books.</p> <p style="color: blue;">Challenge – Create questions for another group to investigate, using a database of their choice in 2Investigate.</p>

Year 2 – ICT – Spring 1 Databases

	Cross – Curricular links Website Multimedia ICT in Society
--	---