



NATIONAL MATHEMATICS TEAM

GRADE 1 PLANNING TEMPLATE

Strand: Statistics			
Topics/Objectives	Main Concept	Teaching/Learning Activities	Assessment/Homework Activities
<p>Collect, sort and group data using attributes closely related to students to classify data:</p> <ol style="list-style-type: none"> <li>1. Number of boys/girls</li> <li>2. Clothing</li> <li>3. Number of pencils</li> <li>4. Birthdays</li> <li>5. Height (tall or short).</li> </ol> <p>Make general statements and draw conclusions based on information collected.</p>	<p>Table Graph</p>	<ul style="list-style-type: none"> <li>• Provide a chart listing shapes (circle, triangle, square, and rectangle) and have students go to the board to place a sticker beside their favourite shape. Then engage students in a discussion. <b><u>Sample questions:</u></b>  <i>How many students prefer square?</i>  <i>Which of the shape is liked the most.....?</i>  <i>Why do you think ..... is the least favoured shape?</i></li> <li>• Organize students in groups and give each group a survey question. They will question each other using the survey question and use simple materials to organize the data collected.</li> </ul>	<ol style="list-style-type: none"> <li>1. Have students complete activity sheet on shading bar graph to represent data from the 'Animal Farm'. <b><i>(See resource document "Animals on the farm")</i></b></li> <li>2. Give students practice worksheets on reading and analysing pictographs. <b><i>See resource document (Birthday, Animals on the farm, Candies)</i></b></li> </ol>

		<p><b><i>See resource document survey questions for further details</i></b></p> <ul style="list-style-type: none"><li>• Give students a blank pictograph with all or some of the months of the year on cartridge paper; this will be attached to the board. Ask students to indicate the month they were born in by raising their hands if their month is listed on the chart.</li><li>• Give each student a cut out of a smiley face and have them go to the board to paste their smiley face at their selected month. Discuss with students how to read and interpret pictographs.</li></ul>	
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