

**National Mathematics Team**

**Grade 1 – Planning Sessions Template**

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| **Strand: Statistics** | | | | |
| **Topics/Objectives** | **Main Concept** | **Teaching/Learning Activities** | **Assessment/Homework Activities** |
| Collect, sort and group data using attributes closely related to students to classify data:   1. Number of boys/girls 2. Clothing 3. Number of pencils 4. Birthdays 5. Height (tall or short).   Make general statements and draw conclusions based on information collected. | Table  Graph | * 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.  ***Sample questions:***  *How many students prefer square?*  *Which of the shape is liked the most……?*  *Why do you think ….. is the least*  *favoured shape?*   * 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. ***See resource document survey questions for further details*** * 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. * 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. | 1. Have students complete activity sheet on shading bar graph to represent data from the ‘Animal Farm’.  **(*See resource document “Animals on the farm’)***  **2.** Give students practice worksheets on reading and analysing pictographs. ***See resource document*** (Birthday, Animals on the farm, Candies) |