

**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. | TableGraph | * 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) |