

## **Data Analysis and Probability**

**Goal: The learner will understand and use graphs and data analysis.**

**Objective:**

**4.05 Solve problems involving two or more sets of data using appropriate statistical measures.**

To achieve this objective, students should:

- Use various displays of data to compare two data sets. Students may be asked to compare the same characteristic from two populations (height of 7<sup>th</sup> grade boys and 7<sup>th</sup> grade girls) or two different characteristics within a population (7<sup>th</sup> grade students' scores on Test A and Test B). Comparing two data sets is critical in helping students transition to analyzing two variables concurrently and will aid in use of more formal bivariate techniques learned in the 8<sup>th</sup> grade.