



**Grade 5 Math**  
**Unit 3:**  
**Data Relationships:**



*Outcomes: Students will be expected to:*

1. Differentiate between first-hand and second-hand data.
2. Formulate a question that can best be answered using first-hand data, and explain why.
3. Find examples of second –hand data in print and electronic media, such as newspapers, magazines and the Internet.
4. Formulate a question that can best be answered using second-hand data, and explain why.
5. Construct and interpret double bar graphs to draw conclusions.
6. Determine the attributes (title, axes, intervals and legend) of double bar graphs by comparing a given set of double bar graphs.
7. Draw conclusions from a given double bar to answer questions.
8. Provide examples of double bar graphs used in a variety of print and electronic media, such as newspapers, magazines and the Internet.
9. Represent a given set of data by creating a double bar graph, label the title and axes, and create a legend without the use of technology.
10. Solve a given problem by constructing and interpreting a double bar graph.