

Interpreting Data using Bar Graphs, Tally Tables, & Picture Graphs

SUBJECT

Mathematics

TEACHER

Ms. Moses

GRADE

1st

DATE

04/03/2024

LEARNING OBJECTIVE	Standard	Materials
<p>Students will be able to interpret data using tally tables, bar graphs, and picture graphs by counting the differences in the objects used and then displaying them in a table and graph.</p> <p>STUDENTS WILL BE ABLE TO IDENTIFY THE DIFFERENCES IN THE DATA THEY'VE INTERPRETED USING COUNTING AND THE VISUAL REPRESENTATION OF A GRAPH.</p>	<p>AR.Math.Content.1.MD.C.6:</p> <ul style="list-style-type: none"> Organize, represent, and interpret data with up to three categories, using tally tables, picture graphs and bar graphs. Ask and answer questions about the total number represented, how many in each category, and how many more or less are in one category than in another. 	<p>Picture graph, tally table, and bar graph worksheet.</p> <p>Different colored crayons that correspond to the different candy colors.</p> <p>Assorted colorful candies.</p>
LESSON	Independent Work	Conclusion
<p>Brief introduction of myself</p> <p>Explain to the students how different forms of graphs are used to collect and interpret data.</p> <p>Introduce and hand out worksheet 1 (picture graph) I will ask the students how many green, red, yellow, etc. candies there are on the sheet. Then together we will place the totals in the corresponding boxes.</p> <p>Introduce and hand out worksheet 2 (bar graph) along with assorted candies and have students separate their candies into different colors, then count each color. We will then fill in the colors of the candies upward on a bar graph.</p> <p>Introduce and handout worksheet 3 (Tally table) We will use tally marks in different boxes to represent how many different colored candies they physically have and explain that to them that one tally mark will represent one candy, two tallies represents two candies, and so on.</p>	<p>Engage with students and check their progress throughout each worksheet.</p> <p>Based on their graphs, I will ask the students to determine which candies had the most, which candies had the least, and how many of each.</p> <p>Provide positive feedback to students who may not have gotten the answers exactly right. Ask some of the students to demonstrate their thought process in completing the graphs.</p>	<p>Students demonstrated complete understanding of different graphing methods and how to collect and represent data using them.</p>

