

Grade 2 Mathematics Unit Preview Quarter 2: Statistics

Objectives: (Your student will be able to)

- Describe, interpret, and compare data from pictographs.
- Collect and interpret data on tables using tally marks and/or numbers.
- Describe, interpret, and compare single bar graphs (vertically and horizontally).

Bar Graphs

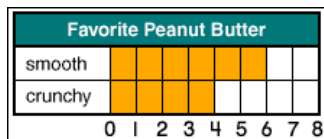
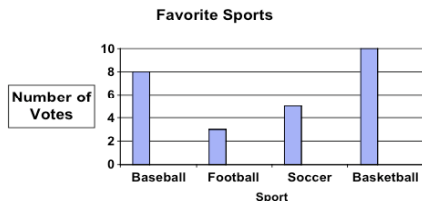
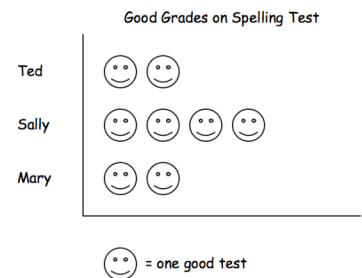


Table with Tally Marks

Favorite Pets		
Pet	Tally Marks	Number
Cat		8
Dog		2
Hamster		6

Pictograph



Vocabulary: (Words your student will need to understand)

<ul style="list-style-type: none"> • Bar Graph: A graph that uses horizontal or vertical bars to display data 	<ul style="list-style-type: none"> • Data: Information collected and used to analyze a specific concept or situation
<ul style="list-style-type: none"> • Survey: A method of collecting data by asking people questions 	<ul style="list-style-type: none"> • Tally:
<ul style="list-style-type: none"> • Pictograph: A graph that uses pictures to show and compare data. 	<ul style="list-style-type: none"> • Table: A set of data arranged in rows and columns.

Activities to do with your student (in addition to homework, optional):

- Share and discuss graphs found in newspapers and magazines.
- Conduct a survey among family members or friends and construct a graph.
- Make up numbers and use popsicle sticks to show tally marks
- Look for pets, colors of front doors, color of cars, or other objects in your community. Create a graph or tally table to collect your data.
- Make a physical pictograph with actual objects: a fruit graph that uses actual pieces of fruit to show how many objects there are. Record the graph on paper. Try it with different objects.
- Practice basic facts for addition and subtraction.

