

Sul Ross Lesson Plan Model

Lesson Title: Second Graders Do Bar Graphs

Subject/Grade Level: Math/2nd grade

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Texas Essential Knowledge and Skills (TEKS)

§111.4 Mathematics, Grade 2, Adopted 2012

(10) Data analysis. The student applies mathematical process standards to organize data to make it useful for interpreting information and solving problems. The student is expected to:
(B) organize a collection of data with up to four categories using pictographs and bar graphs with intervals of one or more.

Materials Needed

- Link to video Create Your Own Bar Graph
<https://youtu.be/oYXmY5axC2I>
- Items to Compare
For example, it could be red, green, and yellow apples or 3 to 4 different kinds of food, games, entertainment (i.e. baseball, football, basketball), colors, or pets.
- Paper
Used to make a tally chart and a bar graph

Lesson Procedures

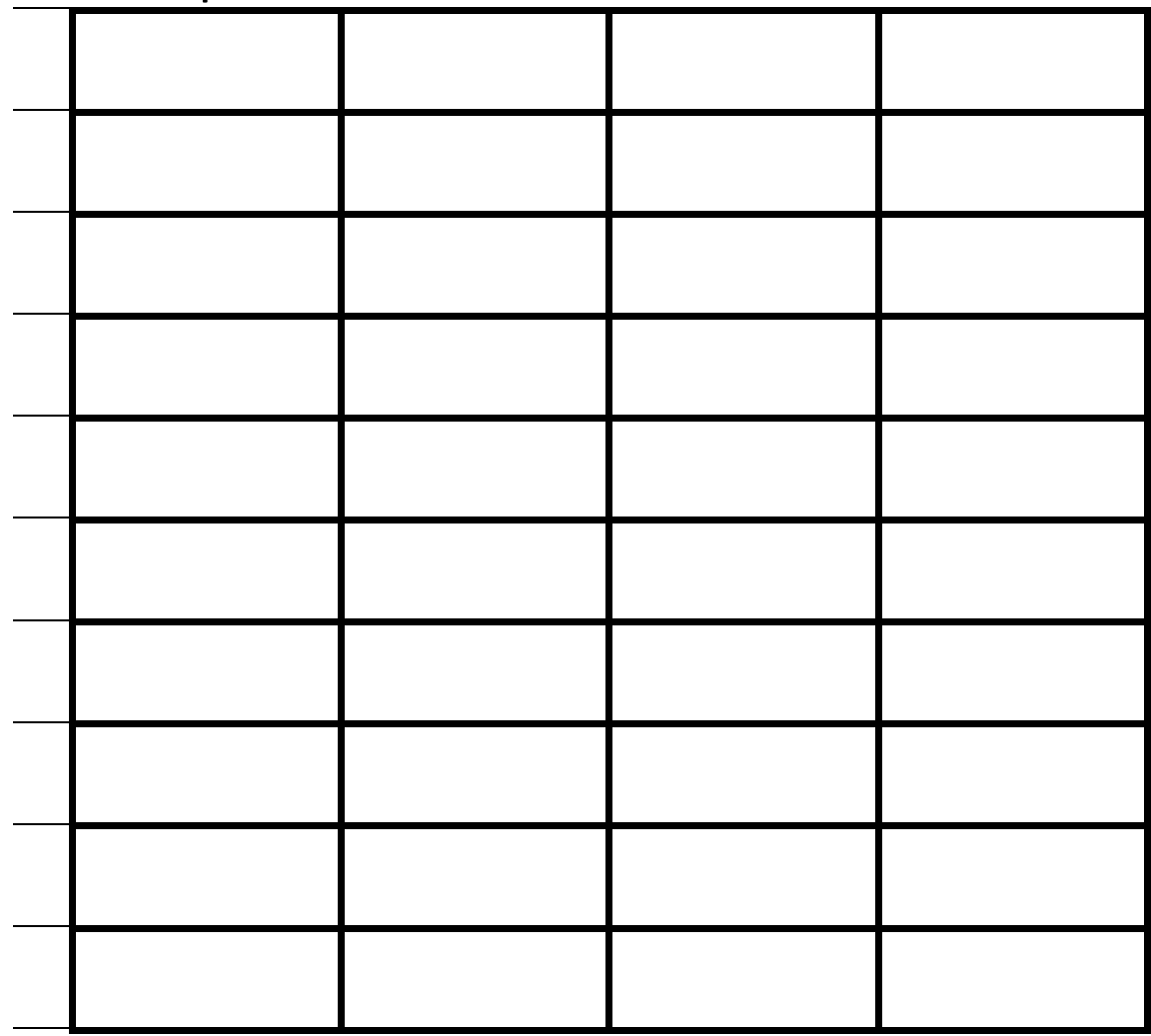
- Announce that children will be watching a video about how to make a bar graph.
- Show children the video and talk about tally marks, graph titles, and labeling graphs.
- Children do their own survey. They select their own items to compare (see examples above). They can survey family members or friends (by phone) to name their favorite item.
- Children can record their data on a tally chart.
- Children create their own bar graphs.
- Identify what the attached bar graph tells us. Look at the bar graph and answer the following questions:
 1. How many people took the survey?
 2. Which apple (red, green, yellow) had the most votes?
 3. Which apple had the fewest votes?
- Extension: Repeat the survey process with different items to compare.

Tally Chart

Items to Compare (Label Each Item)	Votes (Record Your Survey Votes Here)
Item 1	
Item 2	
Item 3	
Item 4	

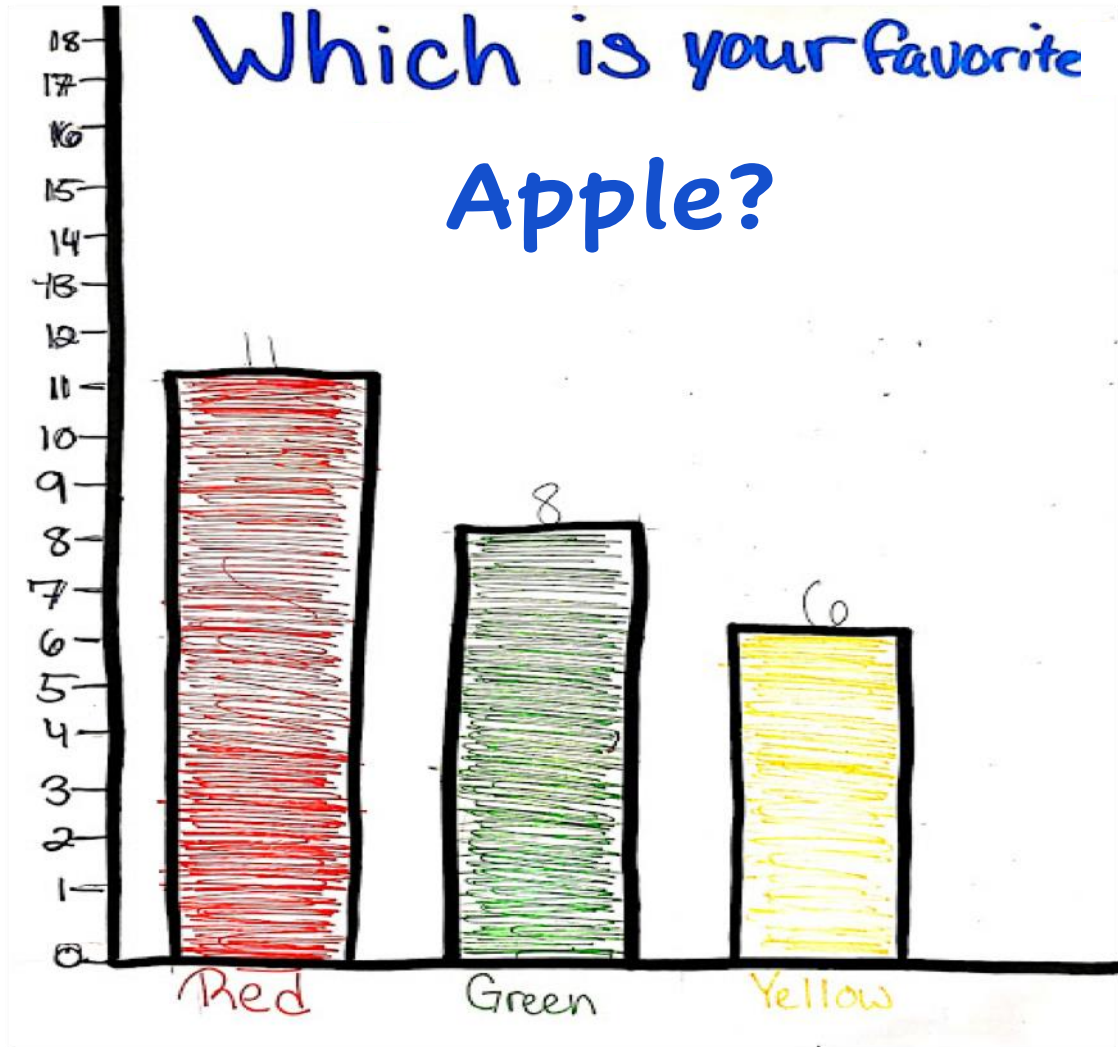
Create Your Own Bar Graph

Bar Graph Title _____



Item 1 Item 2 Item 3 Item 4

Analyze the Bar Graph



Question	Answer
1. How many people took the survey?	
2. Which apple (red, green, yellow) had the most votes?	
3. Which apple had the fewest votes?	