Dear Family,

My class is starting Unit 4, Data, Graphs, and Patterns. I will learn about different kinds of graphs and patterns. You can help me learn these vocabulary words, and we can do the Math Activity together.

From,

__________________________

Vocabulary

**picture graph**  Graph in which pictures show data.

**bar graph**  Graph in which colored bars show data.

**Weather This Week**

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<th>Number of Days</th>
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Family Math Activity

For a delicious, easy snack, let your child put chunks of fruit on skewers or toothpicks. Arrange the fruit in a pattern, for example: banana, strawberry, banana, strawberry.

Try different fruit patterns. Talk about the patterns as you work together with your child.

Literature

These books link to the math in this unit. Look for them at the library.

- **Lemonade For Sale**  
  by Stuart J. Murphy  
  Illustrated by Tricia Tusa  
  *(HarperCollins, 1998)*

- **Making Graphs**  
  by Michelle Wagner Nechaev  
  Illustrated by Michael Jarrett

- **What’s Next, Nina?**  
  by Sue Kassirer  
  Illustrated by Paige Eastburn O’Rourke

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