

Dear Family,

This week your child is learning about picture graphs and bar graphs.



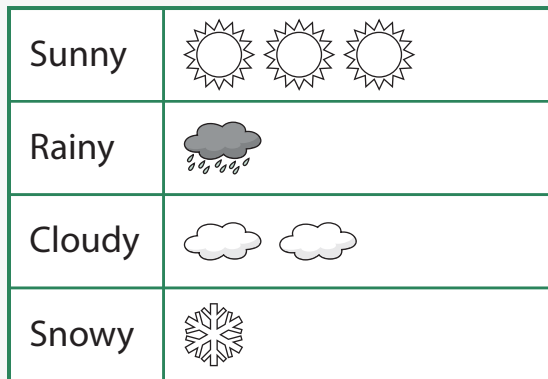
**data:** a set of collected information.

**picture graph:** a way to show data using pictures.

**bar graph:** a way to show data using rectangular bars.

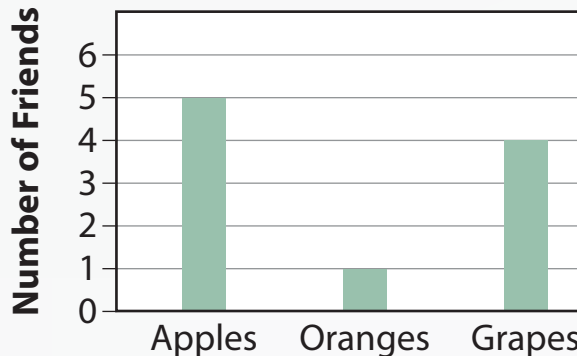
### Weather Last Week

This **picture graph** shows the number of sunny, rainy, cloudy, and snowy days last week. Each symbol represents 1 day.

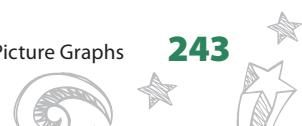


### Favorite Fruit

This **bar graph** shows the favorite fruits of 10 friends. The height of each bar tells how many friends prefer each type of fruit.



Invite your child to share what he or she knows about graphs by doing the following activity together.



## Graph Activity

Materials: coins, paper, markers

Practice making a picture graph and a bar graph with your child.

- Gather 10–12 different coins.
- Have your child sort the pennies, nickels, dimes, and quarters, and count the number of each type of coin.
- Fill in the picture graph and the bar graph with the data. Draw circles with the letters *P*, *N*, *D*, and *Q* to show coins on the picture graph.
- Ask your child to describe the differences between the two graphs, which type he or she prefers, and why.



**Coins**

<b>Pennies</b>	
<b>Nickels</b>	
<b>Dimes</b>	
<b>Quarters</b>	

**Coins**

