

DATA ANALYSIS

Collecting Data

Data = information

You can collect data (information) from other people using polls and surveys.

Polls

A **poll** is used to express public opinion about something. A poll asks the opinion of a random or a selected group of people regarding a **specific** subject.

Example 1:

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Example 2:

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Polls can be used for much simpler things too, such as finding out which ice cream flavor is preferred most by the students in your grade or school.

You can walk around school asking people what their favorite flavor of ice cream is: vanilla, chocolate, or strawberry. After you collect all your data, you will know which flavor is favored most in your grade or school.

Surveys

A **survey** is also used to express the opinion of a selected or random group of people.

Surveys usually involve a question or set of questions written about **specific** content.

Example:

You can take a survey about the families of the students in your class.

Survey questions could include questions such as:

- *How many brothers do you have?*
- *How many sisters do you have?*
- *Are you the oldest sibling?*
- *Are you the youngest sibling?*

Recording

You can re

Charts and

- bar graphs
- pictographs
- line graphs
- pie charts
- column charts

Try This!

Let's say your 5th Grade Presidential Poll revealed:

- Tom received 13 votes.
- John received 17 votes.
- Mary received 20 votes.
- Amy received 10 votes.

Draw a bar graph below that shows how many votes each person got.

Congratulations to Mary for being voted 5th Grade Class President!

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