

Vocabulary:

- Statistics deals with collecting, organizing, and interpreting pieces of information, or data. One way to collect data is by asking statistical questions.
- A statistical question is a question that anticipates and accounts for a variety of answers.

Common Mistakes:

- 1.) Asking questions that have too few answers
- 2.) Asking questions that have too many answers

Properties of a Good Statistical:

- 1.) State the audience in the question.
- 2.) Plan to have more than two answers but less than seven.

Circle the statistical question.

Do you like listen to music?

OR

What is the favorite type of music for 6th graders at TMS?

↑ too few

What did TMS 6th graders have for dinner last night?

OR

What is the 6th graders favorite Mexican food?

↑ too many

What is the height in feet of the tallest mountain in Colorado?

OR

How many text messages do sixth graders send each day?

↑ one answer

↳ have to group into intervals

Rewrite the following question to make it a statistical question.

Do you like dogs?

What is TMS 6th graders favorite type of dog?

Do 6th graders at Trimpe Middle School like apples or oranges?

What is TMS 6th graders favorite fruit?