Assessment Task
TI-15 Explorer™: How Do You Measure Up?

AT

Name:

How many jelly beans are in the jar?
(Students were given a series of numbers to choose from within a range to estimate the number of jelly beans in the jar)

Represent the data
Place the following number cards in a container or bag to represent the estimates of students.

120   130   140   150   160   170   180   190   200   210   220   230

Take out a number card 25 times returning the card each time before selecting another.

Represent the results on a line plot and in a table to show the frequency of the data. A list of ordered data may also be useful.

Write a report
What information does the data tell you about your students estimates about how many jellybeans are in the jar?

What to include:
The **mean, mode and median** can be used to describe the characteristics of the group.
You can include information about the **range of estimates**.

Use **tables/lists or graphs** to help you describe the characteristics of the answers from the group of students.

Present your report
Place all the line plots/tables/graphs in the centre of your group and mix them up.

Read out your report about your group results and the other students in your group need to identify the line plot/graphs/tables you have described. Listen to the reports of other group members and identify the data that shows those results.

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Self assessment

Did your description enable others in the group to identify the correct line plot?

What **key information** did you provide that assisted others to identify your line plot?

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How could you **improve** your report about the data?

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Comparison of data

Look at all the sets of data and identify any line plots/graphs/tables showing similar results. Record your observations.

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