

Situational Problem

- **To develop Competency 1:** Solves a situational problem

Presenting Your Findings

Students in your school have expressed the desire to do more to improve their school. As a Student Council member, you have decided to conduct a survey to determine what action the students would most like to take in making their school a better place. You then want to find a way to share the results of your survey with all students and teachers throughout the school.

? How can you present the survey data you gathered?

Your task is to collect data on the topic given. After you have gathered the information, present the data that you collected by writing a short summary and creating a graph of your data.

- Plan and conduct a survey on the actions students in your school wish to take to help improve their school.
- Record your survey results in a table.
- Provide a short written summary of your survey results, using appropriate mathematical terms.
- Select a graph type that is best suited for the data you collected and create a graph for the data.
- Explain how the Student Council plans to use this information to help improve the school.

A. Think of a plan

What do you plan to do to complete this task? How will you select your sample? How will you present your findings?

Name: _____ Date: _____

B. Carry out your plan

Use the space provided to plan your survey.

Carry out your survey and present the results here. Include a summary of the survey results.

C. Evaluate your plan

Now that you have survey results, you know whether your plan helped you. Did you follow your plan? While you were conducting the survey and summarizing the information, did you modify your strategies and/or steps?

D. Evaluate your solution

Explain why the graph that you selected would give the best representation of your survey data and how it provides you with information that you can use.

Evaluation Criteria Checklist

- Your survey question relates to the topic given.
- Your sample size is appropriate for the given population.
- You included a concise written summary of the data collected from your survey.
- You used correct mathematical language in your explanation.
- The graph that you selected gives a good visual representation of your data.
- You selected and created a type of graph that is appropriate for the data.