

Community Survey

BROAD AREAS OF LEARNING: Citizenship and Community Life / Media Literacy

CROSS-CURRICULAR COMPETENCIES:

- Uses information
- Solves problems
- Uses information and communication technologies
- Communicates appropriately

Application Question

- **To develop Competency 2:** Uses mathematical reasoning
- **To develop Competency 3:** Communicates by using mathematical language

School Issue

Your school's Student Council has recently performed a survey to determine an issue affecting the school that could be addressed as part of the council's Community Improvement Project. Your task is to evaluate the survey that was performed.

? What conclusions can you draw about the Council's survey?

There are 602 students in the school. A member of the Student Council stands near the entrance of the school and asks every sixth person who enters for an opinion on what type of improvement project they would like the Council to do. Each student was provided with several options. A total of 100 students were surveyed. The results of the survey are shown below.

Survey Results

Project	Number of students who preferred
Add crossing guards	12
Buy additional playground equipment	21
Add landscaping to front of school	15
After-school tutoring	25
Improving computer lab	27

Name: _____ Date: _____

- A.** Provide an analysis of the survey method used by the Council. In addition, make any suggestions as to how you could have improved their method of choice, if necessary, and justify your decision.

- B.** Use an appropriate graphical representation to display the results of the survey. Based on the data provided and with the help of your graph, summarize the findings.

