

PET SURVEY

Which pets do you think are most popular with the families of students in your school? In this problem you will take a survey of students in one class, and compare your results with those of classmates who have surveyed students in another class.

To do this task, you should:

1. Design a questionnaire to use with students in another class, to find out how many and what types of pets they have at home.
2. Survey all the students in the other class.
3. Summarize your results.
4. Make a graph of your findings.
5. Compare your results with at least one classmate.
6. Write a comparison of your results with that of your classmate. Explain what might have caused the similarities or differences in your results.
7. Do you think you would get the same results if you surveyed the same number of students in another school? Why or why not?
8. Look at the graphs your classmates created. Which representation of data is easiest to understand and why?

Discussion: Create one class graph that reflects all collected data and explore whether the data can be described by mean, median, and/or mode and why.

[Adapted from: A Collection of Performance Tasks and Rubrics: Primary School Mathematics, Eye on Education, Larchmont, NY]

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