



Writing a statistical paragraph

Mana Maths

Te reo Māori terms



wāhanga

paragraph

[Open in Te Aka](#)

hononga

relationship

[Open in Te Aka](#)

kauwhata

graph

[Open in Te Aka](#)

raraunga

data

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Writing a statistical paragraph — Foundation

1. What are the three parts of a statistical paragraph?
2. Which part comes first: statistical statement, evidence, or context?
3. What should a statistical statement describe?
4. What should evidence sentences include?
5. What does context add to a statistical paragraph?
6. True or false: A statistical statement should include personal opinions.
7. True or false: Evidence should include numbers from the data.
8. True or false: Context explains why the data matters.
9. Write a statistical statement for: "Most students prefer pizza for lunch."

10. Write an evidence sentence using: "12 students chose pizza, 8 chose wraps."

11. Write a context sentence about lunch preferences at school.

12. Put in order: Evidence, Context, Statistical statement

13. Improve this weak statement: "The graph goes up."

14. Circle which is a good statistical statement: "I like blue" / "Blue is the most common favourite colour".

Writing a statistical paragraph — Proficient

1. Given data: Favourite sports: Rugby 15, Netball 12, Basketball 8. Write a 3-sentence paragraph.

2. Data shows test scores: 60-69: 5 students, 70-79: 8, 80-89: 12. Write statistical statement and evidence.

3. Why is "The data shows a pattern" a weak statistical statement?

4. Improve: "Most people like chocolate ice cream because it's popular."

5. Write context for: "Students spend 2-3 hours daily on phones."

6. Compare these statements: A) "Maths is hard." B) "Most students find algebra challenging."

7. Data: Library visits per week: 0: 10, 1-2: 15, 3+: 5. Write full statistical paragraph.

8. What makes good evidence in a statistical paragraph?

9. Write a statistical statement about this trend: Temperature increases from winter to summer.

10. Add evidence to: "Reading time decreases as students get older."

11. Write context for weather data showing more rain in winter.

12. Critique this paragraph:
"I think blue is best.
10 people chose it. Blue is nice."

13. Data: Mode of transport: Car 40

14. How does context differ from personal opinion?

Writing a statistical paragraph — Excellence

- 1.** Analyse this weak paragraph: "Sports are good. 15 people like rugby. I play rugby too." Rewrite properly.
- 2.** Given complex data (age vs. screen time correlation), write a sophisticated statistical paragraph.
- 3.** How would statistical paragraphs differ for: a) business report, b) scientific paper, c) news article?
- 4.** Write a paragraph comparing two data sets: School A (mean score 75) vs School B (mean score 68).
- 5.** Critique: "The graph shows numbers. Some are big. This is interesting." How to improve?
- 6.** Write a statistical paragraph that includes uncertainty: "Survey suggests 60-70"
- 7.** How does writing style change when audience is: a) experts, b) general public, c) students?
- 8.** Create a paragraph from multivariate data: Age, gender, and test score relationships.
- 9.** Write a paragraph that addresses potential bias in data collection methods.

10. Compare statistical vs. narrative writing styles for presenting the same data.

11. Write a paragraph that leads to a specific recommendation based on the data.

12. How to handle contradictory evidence within a statistical paragraph?

13. Write a paragraph that connects local data (your school) to national statistics.

14. Design a rubric for assessing statistical paragraph quality.