

Displaying a Science Study (including product testing)

Not an experiment - no hypothesis is needed

What you found out: "The Data"

What you wanted to find out

Purpose

To find out if it really does rain all winter long in the Fraser Valley like people say.

What you know already based on your previous experiences or your library or internet research. Include definitions if appropriate. What did you think would happen? Why did this topic interest you?

Background Information and My Expectations

I thought it would rain every day in January because I walk to school and it seems like it's always raining!

What you did

Procedure

1. I observed and recorded (etc.) every day for a month.
2. I analysed my data.
3. I graphed my results and found a pattern

What supplies or equipment you used

Materials

- a clipboard
- a record sheet

Rainy Or Not?

Results



It was raining on 23 days out of 30 days, or 77% of the time.

Photo of a rainy day

Photo of a not-rainy day

Discussion of the Results

1. I made my observations only at noon, but sometimes it rained earlier or later in the day.
2. On two of the days, it was snowing. I counted these days as "raining".
3. I found out that it did rain on more days than it didn't, but that it did not rain every day as I expected.

What did your observations tell you? Discuss anything interesting or unexpected that happened.

Conclusion

Even though people in the Fraser Valley complain all the time about rainy winters, it did not rain every day, only 77% of the time in January.

What you learned

References

(Books and other resources)

Where you found your information

Acknowledgements

I would like to thank ...

People and associations who helped you

Clare Brooks '00

A study involves the collection and analysis of data to reveal evidence of a fact, situation, or pattern of scientific interest. The data should be original, the methods should be sound, and the analysis should be insightful. The study might investigate a cause and effect relationship; if so, then the student might include an hypothesis, but is not always necessary. NOTE: Product testing is usually a study, not an experiment.