

Science Project: Testable Question and Variables

Testable Question:

Do I read better in the morning or in the afternoon?

Independent Variable: Reading in the morning

Dependent Variable: How many pages I read

Control: Reading in the afternoon

Constant Variables: The book I'm reading. Reading in bed. How long I read.

Hypothesis

My Hypothesis for this experiment is that when I read in the morning, I will be able to read better than in the afternoon.

I think this because I learned from my research that loud noises and flashing lights will ruin my concentration. By reading in the morning, I will be able to concentrate better because there is natural light and not a lot of noises in the morning. If I read in the morning I think I will concentrate better.

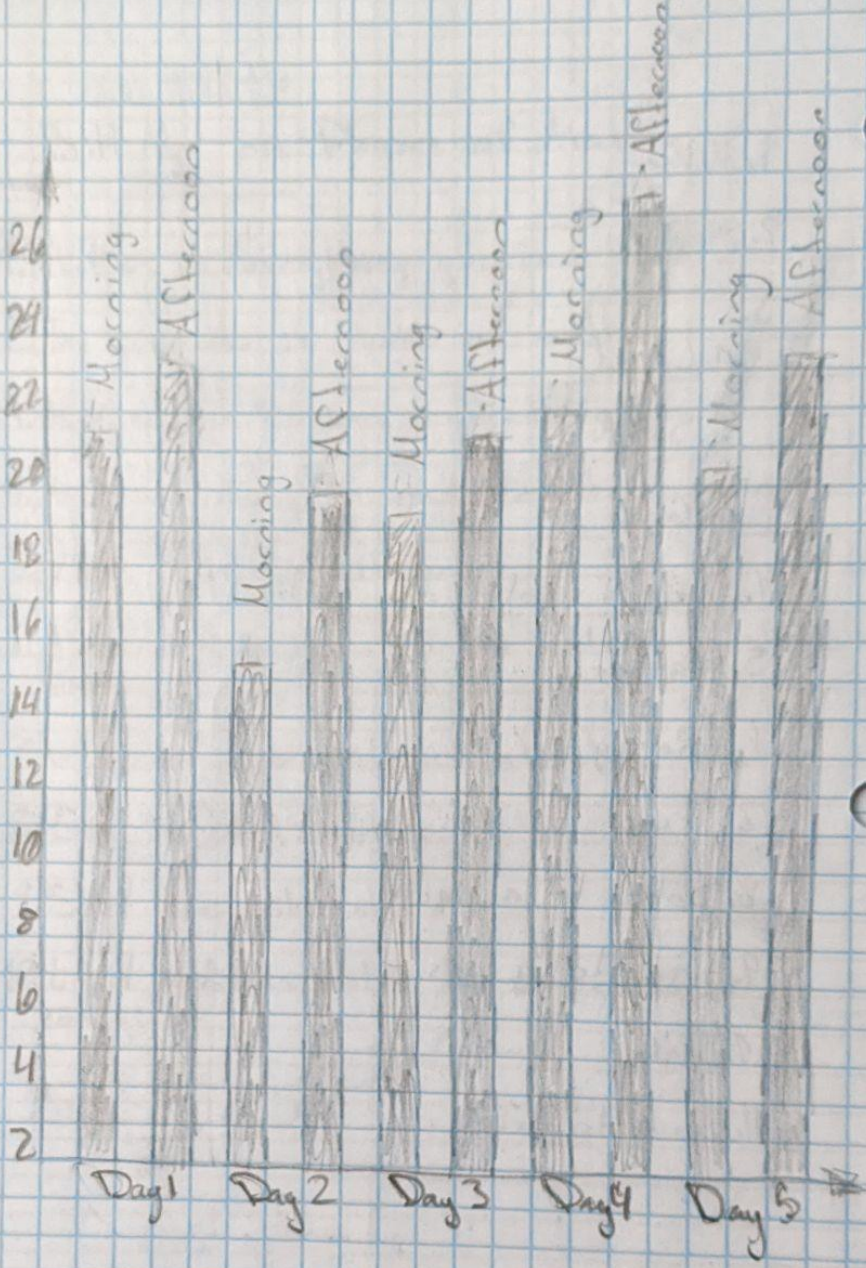
Procedure

1. Wait until the morning
2. Grab a book and go into your bed
3. Set a timer for 30 minutes and start reading
4. After the timer goes off see how many pages you read
5. Then wait till it's the afternoon
6. Once it is the afternoon grab the same book you read in the morning (or a different one if you want) and start reading
7. Set the timer once again for 30 minutes
8. After the timer goes off see how many pages you have read
9. Compare your data you collected
10. Repeat instructions 1-9 3 times

~~scribble~~

M 19.6

A 22.8



Results and Conclusion

Results:

My data shows that I read more in the afternoon. The average that I read in the afternoon was 22.8 pages.

Conclusion:

My hypothesis was not supported by my data. I read more pages in the afternoon. According to my results, there was an average difference of 3.2 pages that I read

Limitations:

Limitations for my experiment were soccer practice, soccer games, and homework.