

Abstract

Project Title: Memory Mania : Zzz or Fizz?

Project ID: 152

Abstract

A brief explanation of your project. Enables judges to receive a base understanding of your project and work.

The objective of the study was to check the effect of different techniques on short-term memory. I used two different groups of subjects, adults 35-60 years of age and children 10-12 years of age. They took a standard memory test at baseline and then repeated the test after 2 different interventions, namely, relaxation, and stimulation with caffeine to test their respective effects on the results. I also wanted to test for differences, between the two different age groups.

I hypothesized that the subjects that use the relaxing method will perform better on the short-term memory test, as opposed to those subjects that engaged in the stimulating method.

In the 10-12 age group both interventions reduced the performance of the subjects while there was improvement with both interventions in the adult group.

Items to Include:

Introduction: Why did you do this project and why is it important? How will this effect people and why is it needed. Inspire the reader to continue learning more about your research and read your report.

Problem Statement and Engineering Goal / Hypothesis: What is the problem you were solving and what was your engineering goal or hypothesis.

Procedures: How did you solve the problem and or test your hypothesis. Don't go into details, provide a broad, conceptual view of what you did. For engineering, what was your design criteria.

Results: What was the outcome? Use your data and numbers to describe your result.

Conclusion: Was your hypothesis supported or the engineering goal met?