CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY

Name(s)
Mason E. Eirich

Project Number
J1112

Project Title
Investigating the Effects of Polarized Eye Lens and Window Film in Preventing Light Passage

Abstract

Objectives/Goals
My objective is to find out which eye lens and window film are the most effective in blocking out light.

Methods/Materials
I am using Daphnia to test the effectiveness of different eye lenses and window films in preventing light passage.

Results
My results showed that the darkest eye lens and window film prevented the least light passage.

Conclusions/Discussion
Both my hypotheses were supported by my test results. The darker lens and window film let in less light. This project expanded my knowledge about how the darker lens and window film allowed the least amount of light passage, as it helped me to see how important it is to protect your eyes and home from ultraviolet light.

Summary Statement
To determine the effects of ultraviolet light passage on eyes lenses and window films.

Help Received
Father helped with the display board and mother helped with some of the typing.