



**CALIFORNIA STATE SCIENCE FAIR
2010 PROJECT SUMMARY**

Name(s) Hannah E. Sallee	Project Number J1317
Project Title Now You See It! Does Eye Color Affect Peripheral Vision?	
Abstract Objectives/Goals The objective of this project was to determine if eye color affects peripheral vision. Methods/Materials I built a one foot radius protractor out of foam board. I cut out different colored shapes and glued them to wooden sticks. I had each subject hold the protractor up to their face and I tested a different shape and color for each eye by slowly moving the wooden sticks along the protractor. I recorded when each subject first detected motion, color, and shape. I tested five subjects with brown eyes, five with green eyes, and five with blue eyes. Subjects were of varying ages. Results For the left eye, green eyes had the best average for detecting motion and color. Brown eyes had the best average for detecting shape. For the right eye, green eyes had the best average for detecting motion, color, and shape. Conclusions/Discussion Even though my results show that people with green eyes have the best averages for peripheral vision, I think that age and how well one's normal vision is affects peripheral vision.	
Summary Statement This project was to determine if eye color affects peripherall vision.	
Help Received Father helped with graphs and proofreading report.	