CALIFORNIA STATE SCIENCE FAIR 2014 PROJECT SUMMARY

Name(s)	Project Number
Mussa Mohamed	
	34574
Project Title	
Influence of Environmental Light on Depation Time	
Influence of Environmental Light of Reaction Time	
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Objectives/Coals Abstract	
Daytime driving is generally safer than driving at night due to an abundance of	whether the purpose of this
project is to test if there is a relationship between the intensity of light and the	reaction time of drivers.
Methods/Materials	
1. 1 meter stick	\checkmark
2. Lux meter	
3. Night light	/
4. Volunteers	
5. INOLEDOOK 6. Computer	
7 Pencil	
Results	
Based on the graph, fifty-five percent had faster reaction time in sublight and the	hirty-five percent had faster
reaction time in dim light. Meanwhile, the intensity of light did not affect the re	eaction time for ten percent
of the subjects.	
Conclusions/Discussion	
My nypotnesis was correct. I was not surprised that inv-five percent of my tes	t subjects had faster
then sunlight Based on the results, it would be advisable for car manufacturers	to consider the findings of
this project to modify existing headlights.	to consider the initiality of
$(\overline{}, \overline{})$	
Summary Statement	
The purpose of this project is to test if there is a relationship between the intens	sity of light and the reaction
time of driven.	
Help Received	
School allowed me to use their equipment and field	
and the to use their equipment and nord	