



# CALIFORNIA STATE SCIENCE FAIR 2010 PROJECT SUMMARY

<b>Name(s)</b> <b>Victoria S. Jones</b>	<b>Project Number</b> <b>J0316</b>
<b>Project Title</b> <b>Mario Kart Distraction Test</b>	
<b>Objectives/Goals</b> My objective was to determine what distraction makes it hardest to drive and why.	
<b>Abstract</b> <b>Methods/Materials</b> The materials I used were a Wii, a Wii remote and a steering wheel attachment, four bananas, two cellphones, a computer, video camera  The steps I used to perform my project were 1. Put steering wheel attachment on the Wii controller. 2. Put Mario Kart DVD into Wii. 3. Enter main screen and select time trial. 4. Choose a character and kart. This will not change throughout the test. 5. Have the subjects play a few times without timing them so that they get used to the controls. 6. Turn on camera and time the first subject with no distractions. 7. Turn on the camera and time the subject in a random order with the following distractions: 7a. Talking on the phone with no handsfree. 7b. Talking on the phone with handsfree or speaker on. 7c. Eating a banana (don't let them peel it until they've started) 7d. Texting (send first message as they start) 7e. singing a song (a song everybody knows such as Happy Birthday will be best) 7f. Having a conversation with someone in the room with you. 8. Record each as it comes, the time will disappear on the screen in about 20 seconds. 9. Repeat steps 5-8 on your other subjects.	
<b>Results</b> Out of the distractions I tested, the collected data showed that texting was the most distracting and eating was the second most distracting.	
<b>Conclusions/Discussion</b> My hypothesis was that texting would be the most distracting and singing would be the least because of mental difficulties. I was partly right, but I discovered that the amount of distraction was based on physical challenge, not mental.	
<b>Summary Statement</b> My project was a test to determine what was the most distracting thing to do while driving.	
<b>Help Received</b> Brenden Dilloughry gave my my poster board and Jordan Carter, Teresa Grote and Nabil and Bryanna Jackson helped me test my project.	