



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Courtney R. Heath	Project Number J0798
Project Title Re-Focus: Effects of Distracted Driving	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals To determine whether distractions affect a persons ability to operate a motor vhicle.</p> <p>Methods/Materials Mterials- table,projector,froza motorsports 4 video game, xbox, steering wheel, gas/break pedal,flash cards (color coded), loading straps, test subjects cell phones, questionnaires. Mthod-I tested 30 test subjects at 7 test each to see the affects of distractions while operating a motor vehicle.</p> <p>Results When comparing the times and speeds of the undistracted test to the other distractions; in-vehiclo, talking on the phone, and texting, the numbers showed that texting while driving showed the biggest imparement of distractions. This is because it takes a portion of the three skills needed to operate a moror vehicle; cognitive, visual, and manual skills away to text.</p> <p>Conclusions/Discussion Divers who use their cell-phone or an in-vehicle distraction show a measurable level of imparements. while drivers showed that texting while driving was the biggest distraction on the road, all distractions show asignificant amount of a distracting level and should NOT be done while operating a motor vehicle.</p>	
Summary Statement to test the abillity of a driver when operating a motor vehicle while losing a portion of their cognitive visual and manual skills needed to operate a vehicle through various distractions	
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