

CWSF 2014 - Windsor, Ontario



Chloe Freeman

Cellphone Distractions: A Response-Time Analysis

Challenge: Discovery

Category: Intermediate

Region: Vancouver Island

City: Victoria, BC

School: Glenlyon Norfolk School

Abstract: To model distracted driving, this study looked at how various functions, talking, texting, planning and playing games on a smartphone affected reaction times. Testing involved dropping a ruler vertically and having the subjects catch the ruler while they were distracted by a smartphone. Results indicate that there is significant difference between genders, but not between functions on a smartphone.

Biography

Hi, my name is Chloe Freeman and I am a 14 year old from Vancouver Island. I am a member of my school debate team, field hockey team, sailing team, and performing arts group. Outside of school, I am a competitive swimmer and an aspiring baker. I also enjoy spending time with my friends, my dog, and at the beach. I am a regional champion in field hockey and debate. I heard the horrible statistics of distracted driving, I thought I could do a project relating to this topic. In the future, I think testing other aged people as well as adding different distractions would enhance the quality of my project. The advice I would give other students is to have fun and pick a topic you are interested in.

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