



**CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY**

Name(s) Audrey A. Portela	Project Number J0730
Project Title The Effects of Distraction on Child Memorization	
Objectives/Goals To determine how different forms of distraction effect Child memorization I will be using music and cartoons as a distraction	
Abstract	
Methods/Materials 1. Show child a computer file with a set of 15 random pictures. Give them 30 seconds to memorize as many as they can. 2. Repeat with a new file and new pictures. This time there is a video set to the side (no volume) The video is playing a Scooby-Doo cartoon 3. Repeat with a new file and new pictures. This time they put on earphones and listen to music. The music s Strawberry Fields by the Beatles.	
Compare results I tested 40 kids all together 10 kids from K-3rd grade	
Results The music was the most distracting. The Music was in the middle. The kids did the best with the control. (no distractions) Music was the most distracting for each grade level.	
Conclusions/Discussion According to my results, music was more distracting than the cartoon. This shows that kids will have a harder time learning, or memorizing while listening to music. Should you listen to music while doing homework?	
Summary Statement Determining how distractions effect the way children memorize.	
Help Received teacher - scientific process parents - materials and help put board together	