

CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s)	Project Number
Neil J. Patel	J0419
Project Title	
Off Balance	
Objectives/Goals Abstract	
My project was to determine if music has an effect on the loss of each what music will cause the largest loss of equilibrium and make the heavy metal music will cause the largest loss in equilibrium and methods/Materials Four subjects were chosen at age groups 9 through 42. They each second without music, and with there eyes open for 1 minute. The with their eyes that was moved side to side across their plane of sig was a control test. The same process was repeated for the heavy metal results. Results The heavy metal tests proved that heavy metal music causes the lart the dizziest. The other types of music had a low consistent count of Conclusions/Discussion I conclude that music can cause a loss in your equilibrium. Heavy reflect and the country and classical music will not effect you as music	you the dizziest? My Hypothesis is that ake you the dizziest. spun in a circle at 1 revolution per subjects then tried to follow a pencil ght and counted the nystagmus. This etal, classical, and country music. All at was performed twice to ensure rgest loss in equilibrium and makes you f nystagmus. metal music will have the most drastic
Summary Statement	
Music can cause a loss in equilibrium and can have a potentially di	rastic effect on your vestibular system.
Help Received	
Mother and sister helped me with the exhibit decoration.	