



**CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY**

Name(s) Simran Khanna	Project Number 36476
Project Title Can You Enhance Your Hearing by Turning Off Your Vision?	
Abstract Objectives/Goals The objective of this experiment was to see whether or not people could improve their hearing ability by turning off their vision and if so, to see if the improvement had a permanent affect on their hearing sense or not. Methods/Materials I used a clock, human participants, blindfolds, and a hearing test website called audioclinic.com. I tested each participant with the online test three times with a ten minute gap in between each test. After the first test, the participant wore a blindfold and took the second test, with the blindfold still on, and after the second test, they took off their blindfold and took the third test. Results There were two main outcomes of this project. Six out of the eighteen people I tested decreased their original result on the second test however either improved or went back to the original in the third test. Seven people improved on their second test but in the third went either back to their original result or did worse than the original. The remaining five people got varying results. Conclusions/Discussion After experimenting, I have found out that there is no solid result. The two big outcomes almost have the same number of participants which is why there is no one result. However, this project has shown that people may improve their hearing using this technique and that it probably does have a long-lasting effect. With the information of this project, people with poor hearing may improve that sense but more testing is required to be absolutely certain.	
Summary Statement I found out that using a blindfold to improve one's hearing is a possibility.	
Help Received My parents influenced the idea of this project by making me wear a blindfold to appreciate my eyesight. My teacher answered all my questions about the project.	