



**CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY**

Name(s) Margaret A. Mendez	Project Number 35242
Project Title Elevator Modification in Virtual Reality with the Use of Logic Gates and Adders	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to create a Minecraft mod that creates an instant elevator with the help of logic gates and adders.</p> <p>Methods/Materials Materials: PC; Full Version of Minecraft; Binary; Logic Gates; Adders. Methods: I used the engineering process. I also used methods such as systems integration, trial and error, and build and test.</p> <p>Results I successfully created a compact elevator that is perfect for wedding.</p> <p>Conclusions/Discussion Because of my project I have more knowledge on computers than I thought I would receive. I found that logic gates and adders can be used in real life to create switches, and build the components of all electronics.</p> <p>Next year I plan to learn the modification process so that I can create the actual mod.</p>	
Summary Statement I successfully created a compact elevator in Minecraft with logic gates and adders that will soon be coded into a modification program.	
Help Received Mentor: George Morgan; Support: Mom and Dad	