CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY

Name(s)

Margaret A. Mendez

Project Number

J1411

Project Title

Elevator Modification in Virtual Reality with the Use of Logic Gates and Adders

Abstract

Objectives/Goals

My objective was to create a Minecraft mod that creates an instant elevator with the help of logic gates and adders.

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.

Results

I successfully created a compact elevator that is perfect for modding.

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.

Next year I plan to learn the modification process so that I can create the actual mod.

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