

CALIFORNIA STATE SCIENCE FAIR 2017 PROJECT SUMMARY

Name(s)

Davin Jeong

Project Number

J0209

Project Title

Hydrogen: The Best Renewable Energy

Abstract

Objectives/Goals

Through this project I tried (and succeeded) in finding out the best type of renewable energy and how to store, harvest, and use it so that we can use it more in the future.

Methods/Materials

My project was mostly conducted through research on my computer. I used various sources (websites) to find out what I did and they can all be found on my project. I also used tools, wood, and common materials to make my hydrogen generator, my (failed) attempt at a home-made hydrogen-to-electricity converter, and the demonstration motor set up.

Results

Through my project, I found out that hydrogen was the best type of renewable energy. I also found out how to store, harvest, and use this hydrogen as an energy source.

Conclusions/Discussion

My project expanded our knowledge by finding out that hydrogen is the best type of renewable energy.It also found out how to store, harvest, and use this hydrogen as an energy source in the future.

Summary Statement

I showed how hydrogen is the best type of renewable energy and how it can be used through constant research.

Help Received

I wrote down and made everything on the board myself. I also designed and performed the demonstrations myself. I also got help from my dad whom helped me build the demonstration.