

## CALIFORNIA STATE SCIENCE FAIR **2017 PROJECT SUMMARY**

Name(s)	Project Number
John R. Teel	J0222
Project Title Valley Velocity	
Abstract	
<ul> <li>As fossil fuel is starting to become non-renewable, alter considered as a possible way to run our nation. The purp place America's wind farms.</li> <li>Methods/Materials <ul> <li>I tested two different geological features (in a valley, an fastest wind speed. I used a hand-held anemometer, a la and tinfoil to create my two paper mache mountains.</li> </ul> </li> <li>Results <ul> <li>I used the fan to simulate a wind and I took measurement testing my hypothesis was proven correct as the valley i</li> </ul> </li> <li>Conclusions/Discussion <ul> <li>After my testing, I figured that I could use my results to was proven to produce the fastest wind speeds, I used it moved to a valley. I have learned through this experime</li> </ul> </li> </ul>	nate energies such as wind power are being pose of my experiment is to determine where to ad up a mountain) to see which would create the rge fan, a yard stick; as well as glue, newspaper, ints in the valley and on the mountain. Through is more efficient at creating faster wind speeds. In determine the cost savings possible. As the valley is data to find a cost reduction when a windmill is ent how to analyze data and display results.
Summary Statement I searched for what geological feature would create the compressed the air, creating a high pressure zone.	fastest wind speed, and I found that the valley
Help Received I was helped with designing my experiment with Dr. Du Santa Barbara.	unne and Dr. Manalis at University of California