



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Kyle Leverett; Daniel Skeldon	Project Number J0114
Project Title Gone with the Wind	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My partner were attempting to find which windmill blade shape whould produce the most electricity.</p> <p>Methods/Materials What we did is build a small windmill and shapes for the blades that will be all the same surface area. then we tested the blades electrical output. we used a fan, wood planks, nails, a hammer, a battery, and a millivoltimeter</p> <p>Results The information we learned was the electricity generated by each blade shape. both the rectangles and squares were close but the triangles didn't compare. the squares and rectangles where in the high eighties but the triangles were in the thirties.</p> <p>Conclusions/Discussion the reason we belived the squares one was because they had the biggest width area out of all the shapes. our biggest question is if this is true, why aren't we using this technology on windmills today. this must be because of bigger scales and weight.</p>	
Summary Statement The design and testing of different windmill blade shapes.	
Help Received Mother helped to proofread and design the board, Mrs. Avila approved our project and told us how to do the booklet, Lisa Skeldon helped gives us ideas in the process of the project	