



**CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY**

Name(s) Kyle A. Rosecrans	Project Number 34015
Project Title Secrets of Shooting Success	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals What shooting angle gives you the greatest chance of making a basketball shot.</p> <p>Methods/Materials 28.5 Basketball Camera Tripod Subjects 10 foot Basketball Hoop Basketball Court Notebook for data Pencil</p> <p>Results What I found is that the correct shooting angle was in the range of 58-62 degrees. At first I thought it would be 48 degrees but after I got my data I realized it was not.</p> <p>Conclusions/Discussion I originally was looking for the angle to be at 48 degrees. I got scared when I found it was something other than 48 degrees. I thought I had done the whole project wrong. After I continued my project I realized that the consistent angle was in the range of 58-62 degrees. That is when I realized I was on the right path to finding the correct angle. The correct angle is in the range 58-62 degrees.</p>	
Summary Statement This project determines the best angle to make a basketball shot	
Help Received I received help with display board layout.	