



**CALIFORNIA STATE SCIENCE FAIR  
2006 PROJECT SUMMARY**

<b>Name(s)</b> <b>Elizabeth M. Conlan</b>	<b>Project Number</b> <b>S0308</b>
<b>Project Title</b> <b>Eye Spy: A "Handy" Game</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The goal of my project was to see if there was a difference in the number of hidden 3-D pictures('Magic Eye" pictures) right and left handed persons were able to see. <b>Methods/Materials</b> For my experiment I used 25 right handed persons and 25 left handed persons. I also used seven 3-D pictures(2 practice and 5 test pictures), pencils,pens, answer sheets for the subjects to write their answers on and a spreadsheet program to graph results <b>Results</b> Early testing, with 29 subjects, showed that left handed persons could see 2.2 pictures and right handed persons could see 1.5 pictures. However, further testing, with 50 subjects, revealed an even slighter difference. The second round of testing showed that left handed person could see 1.92 pictures and right handed persons could see 1.8 persons. I hope to contuine testing to further enhance my results and provide more accuracy. <b>Conclusions/Discussion</b> In conclusion, my hypothesis was supported by my data. I hypotheized that left handed persons would be able to see more pictures than right handed persons and there was a slight difference. Although the reults do show a slight difference in the number of pictures, there are so many variables when testing with humans, that I need to continue testing in hopes of further enhancing my results.	
<b>Summary Statement</b> My project tested right and left handed persons and their ability to see hidden 3-D pictures.	
<b>Help Received</b> My parents supplied materials and the board design.	