



**CALIFORNIA STATE SCIENCE FAIR
2007 PROJECT SUMMARY**

Name(s) Sarah Hawkins; Natalie Pulido	Project Number S0308
Project Title What Side Are You? Left vs. Right Brain	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to learn about how your brain dominance (left or right) affects your short term visual memory.</p> <p>Methods/Materials We gave a hemispheric dominance inventory test that determined which side of our girl subjects (ages 15-17) brains' were dominant. Later we allowed them to look at a poster consisting of various random objects, and then took it away. We gave them a peice of paper and a pen and told them to write down as many objects/pictures they could remember.</p> <p>Results After compiling our data, both graphing and organizing it we determined that right-brain dominant girls have better short term visual memory. The right brain dominate girls on average could remember 16.1 objects while left-brain dominant girls could only remember 15.4 objects.</p> <p>Conclusions/Discussion We concluded that being right brain dominant allows you to have a better short term visual memory and that in turn our hypothesis was correct. This knowledge could help teachers better teach their students by knowing what learning process helps their students remember more such as verbal for left brin dominant people and visual for right brain dominant students.</p>	
Summary Statement Our project consists of the study of right and left brain dominate girls and how this affects their short term visual memory.	
Help Received	