



**CALIFORNIA STATE SCIENCE FAIR
2005 PROJECT SUMMARY**

Name(s) Caitlin A. Killmer	Project Number S0314
Project Title Visual Perceptions and Handedness	
Abstract Objectives/Goals The goal of my project was to determine if there is a correlation between handedness and the way one interprets a picture. I wanted to prove my hypothesis, which was that left-handed individuals would be more likely to pick a #sensitive# interpretation than right handed people were, and that right-handed people would be more consistent in the interpretation that they chose- essentially, that there would be more continuity among righties than among lefties. Methods/Materials I tested approximately 30 subjects by showing them Thomas Cole's #The Oxbow# and having them choose the interpretation that best matched their own personal interpretation, from a total of three possible interpretations. The three possible interpretations were all written by me, and are all subjective. I consider the first interpretation to be the most traditional, the second to be somewhat pessimistic, and the third to be very sensitive and optimistic. After testing, I tallied the results. Results I found that of the three left handed subjects, two identified best with the second interpretation, and one identified best with the third interpretation. Of the twenty seven right handed subjects, 7 best identified with the first interpretation, 9 best identified with the second interpretation, and 11 best identified with the third interpretation. Conclusions/Discussion My results are inconclusive. With such a limited sample size, I am not able to draw any real conclusion from my data. However, I believe that with further testing, I may be able to prove my hypothesis.	
Summary Statement My project tests whether handedness is related to visual perceptions.	
Help Received Brother helped make header board and titles.	