



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Alexandra N. Kirk	Project Number J0613
Project Title It's All in the Eye	
Abstract Objectives/Goals The purpose of my project was to see if kindergarteners recognize photographs or drawings better. Methods/Materials The materials needed for this project are 40 kindergarteners, 20 photographs of different animals, and 20 drawings of those same animals. To do the project I first placed four sheets of paper on the table, face down. Next, I showed the child the practice sheet and asked them to point out the lizard. Then, I flipped the four pieces of paper over and asked the child to point out the cat. I recorded which one they chose, the photograph or the drawing, and repeated the last two steps again for the goat, snake, horse, pig, monkey, penguin, giraffe, owl, and frog. Finally, I repeated the above procedures for all 40 students. Results The children picked the photographs an average of 44.25%. When the children picked the photographs it took them a lot longer to find the photographs than the drawings. The average drawings picked were 55.75%, which is slightly more than the photographs, but the children enjoyed the drawings and wanted to talk about them. They asked questions, described them, and said how cute or awesome they thought they were. These results show that the drawings are recognized by the kindergarteners more often than photographs and that the drawings are better teaching tools than photographs. Conclusions/Discussion The results that I obtained supported my hypothesis and enabled me to obtain my purpose in doing this project. My project lets kindergarten teachers know which is better to use in teaching their classes, photographs or drawings. It also explains why kindergarteners like cartoons, and drawings in books because they are brighter and more animated in appearance. After doing my research, I also found more support for my conclusion; the human eye recognizes brighter colors during daylight which also explains why kindergartners may have picked the drawings over the photographs.	
Summary Statement The purpose of my project was to find out if kindergarteners recognize photographs or drawings better to help them in their daily learning.	
Help Received Mother helped by listening to my many ideas and proofreading my board and report; Mr. Barbary helped in overseeing the progression of my project.	