



**CALIFORNIA STATE SCIENCE FAIR  
2012 PROJECT SUMMARY**

<b>Name(s)</b> <b>Aurora O'Greenfield; Mateo Rudich</b>	<b>Project Number</b> <b>S0418</b>
<b>Project Title</b> <b>Color Attraction</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> Our goal was to learn whether or not age or gender have an affect on what colors 6th through 12th graders are most attracted to.</p> <p><b>Methods/Materials</b> We tested 5 girls and 5 boys from each grade (6, 7, 8, 9/10, and 11/12). We set out play-dough in front of them (using colors red, orange, dark green, light green, blue, purple, and pink) and recorded the colors they picked up and in what order.</p> <p><b>Results</b> We found that in this group, gender does seem to make a difference, while age does not. We also found that girls were more attracted to red and pink, and boys were most attracted to light green.</p> <p><b>Conclusions/Discussion</b> Our findings supported our hypothesis for the most part. We had hypothesized that gender would have an affect, but age would not, which ended up being the case. We were correct in guessing that girls would be more attracted to red and pink, and boys were more attracted to light green. However, we had guessed that everyone would be more attracted to blue due to previous studies finding that nearly everyone preferred blue. Our findings did not support this. And boys were not as attracted to dark green as we thought they would be. Knowing which colors middle- and high-schoolers are attracted to expands our knowledge of their minds.</p>	
<b>Summary Statement</b> Our project was to determine whether or not age/gender have an affect on which colors 6-12th graders are attracted to.	
<b>Help Received</b> Mrs. Rudich supplied Play-dough, Danza (our art teacher) supplied paint for our board decorating, Erin (our science teacher) provided advice and help with scheduling.	