



**CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY**

Name(s) Sydney M. Kamerman	Project Number J2214
Project Title Roses Are Red, Violets Are Blue, Seagulls Like Green, How About You?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals If I lay out different colored towels on the beach and put food on each of them I predict that Seagulls are attracted to color and they are attracted to the bright color blue the most because Seagulls live near the ocean where food for survival is found.</p> <p>Methods/Materials I set four feeding areas, 1 on a red, green, blue and white towel at Aliso Creek Beach. On white towel I placed a bird deterrent made up of a 20.48cm x 20.48cm red paper with a black circle 20.32cm in diameter. I fed the Seagulls 140 grams of white Market Pantry bread cubed and place in the center of each towel. I placed the towels 152.4cm apart from each other. I timed how fast the food got eaten, 3 different times on 2 different days at the same time of day with similar weather condition and temperature. I video taped and recorded my data. My materials: 1 towel of each color red, green, blue and white 76.2cm x 137.16cm red towel. 1, 20.48 cm x 20.48 red paper with black circle 20.32cm in diameter. 1 tape measure. White Market Pantry bread, 140 grams for each towel for each experiment. Measuring cup, scale, stop watch, video and still Cameras, pencil and paper.</p> <p>Results My data proved that Seagulls are attracted to color. Seagulls are attracted to green most. 90% of the time the birds went to the green towel first to eat the bread. They would eat from the blue towel and white towel and lastly the red towel. In fact, they seemed frightened by the red towel. They would flap their wings and were hesitant to land on the red towel. They flew above it and around it but wouldn't land on the red towel. However once a single bird was brave enough to land on the red towel it would peck at the towel a couple of times and then finally it would eat from the red towel. The other birds would then follow.</p> <p>Conclusions/Discussion My data showed that Seagulls are attracted to color yet the majority of the time they were attracted to the green color. I would like to see if the color red or other objects would keep Seagulls away. This study would help city workers and environmentalist keep beaches clean and safe from disease. People, businesses and schools who reside near the beach would benefit learning how to keep Seagulls from intruding and possibly destroying their property or being a nuisance. My experiment will benefit bird watchers who want to learn about Seagull's behaviors.</p>	
Summary Statement Are Seagulls attracted to color and if so what color are they attracted to most, red, blue or green?	
Help Received Mother drove me to the beach, bought supplies and helping me organize my project; Brother helped take pictures and video tape during research; My teacher Mrs. Rivero read and edited my written work.	