



**CALIFORNIA STATE SCIENCE FAIR  
2016 PROJECT SUMMARY**

<b>Name(s)</b> <b>Elizabeth A. Carlos</b>	<b>Project Number</b> <b>J0704</b>
<b>Project Title</b> <b>Highlight Your Memory</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The objective of this study is to discern which color of highlighter enhances memorization. <b>Methods/Materials</b> For my project I typed out three paragraphs similar in length and content. I highlighted two words of each color (yellow, blue, and pink) in each paragraph. I gave each subject one minute to review typed material. I gave an additional minute for the information to absorb, then asked the subjects to write down as many words as they could recall. This information was then calculated and recorded. <b>Results</b> The results revealed that blue highlighted words were the most memorized, with 36 words, then yellow with 30, and the last was pink with 29 words. <b>Conclusions/Discussion</b> I found that most people remembered the words that were highlighted in blue. However, since I used two warm colors (yellow and pink) and one cool color (blue), it could have affected the results because color helps us to memorize by attracting our attention and if blue was the most unique color, it would attract the most attention.	
<b>Summary Statement</b> My project showed that an increase in attention level can help enhance memory.	
<b>Help Received</b>	