



**CALIFORNIA SCIENCE & ENGINEERING FAIR
2018 PROJECT SUMMARY**

Name(s) Crystal L. Neilsen	Project Number J1419
Project Title Wick Be Nimble, Wick Be Quick	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objective of this study is to determine which colored birthday candle burns quicker.</p> <p>Methods/Materials 6 different color candles, timer/stopwatch, lighter/matches, and something to hold up the candles. After burning the first set of candles, I rotated through the 6 colors, and found which colored candle burned the quickest.</p> <p>Results Several tests were conducted, 6 different colored birthday candles were lit at the same time and the time to find out which candle burned quicker were recorded. Repeated trials were ran to determine which color birthday candle burned quicker.</p> <p>Conclusions/Discussion After 6 tests, the green candle burned the quickest out of all the 6 colors. The blue candle burned the second quickest, then orange, then yellow, then pink, and white burned the slowest.</p>	
Summary Statement I conducted this experiment 6 different times, and I found out that the green birthday candle burned the quickest.	
Help Received None. I designed and conducted the experiments myself.	