



**CALIFORNIA SCIENCE & ENGINEERING FAIR
2019 PROJECT SUMMARY**

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Project Title Scented vs. Unscented Candles	
<p style="text-align: center;">Abstract</p> <p>Objectives The objective is to see if scent has any affect on how long a candle will last.</p> <p>Methods We compared the mass lost after burning for three hours of three sets of three candles all of the same size and from the same maker. Three candles were vanilla scented, three a light linen scent, and three unscented candles.</p> <p>Results The vanilla candles lost an average of 7.2 grams of mass after burning three hours, the unscented candles lost an average of 14.4 grams, and the linen scented lost an average of 21 grams.</p> <p>Conclusions It was not conclusive that scent has an impact on mass lost during candle burning. One scent lost the most mass, while the other scent lost the least amount of mass as compared to the unscented candles.</p>	
Summary Statement It was found that scent does not always affect the candle burn rate.	
Help Received We designed the experiment, but my science teacher helped us gather supplies.	