



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

<b>Name(s)</b> Isabel Salazar	<b>Project Number</b>  38165
<b>Project Title</b> Liquid Evaporation	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of this study is to learn which liquid between orange juice, water, nail polish remover, and rubbing alcohol would evaporate the quickest.</p> <p><b>Methods/Materials</b> 4 measuring cups, nail polish remover, orange juice, water, and rubbing alcohol. Tested the speed of evaporation of various liquids.</p> <p><b>Results</b> The speed of evaporation of various liquids was tested over a 1 week period. The liquid with acetone proved to evaporate the quickest due to its weaker intermolecular force.</p> <p><b>Conclusions/Discussion</b> It is concluded that the liquid with a weaker intermolecular force will evaporate faster compared to liquids with stronger intermolecular force due to the strength of the bonded molecules.</p>	
<b>Summary Statement</b> Measured the amount of time it took for various liquids with different intermolecular forces to evaporate.	
<b>Help Received</b> I conducted the experiment on my own. I received help from my mother and sister in the construction of my project board.	