



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

Name(s) Isabel Salazar	Project Number J0618
Project Title Liquid Evaporation	
Abstract Objectives/Goals The objective of this study is to learn which liquid between orange juice, water, nail polish remover, and rubbing alcohol would evaporate the quickest. Methods/Materials 4 measuring cups, nail polish remover, orange juice, water, and rubbing alcohol. Tested the speed of evaporation of various liquids. Results 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. Conclusions/Discussion 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.	
Summary Statement Measured the amount of time it took for various liquids with different intermolecular forces to evaporate.	
Help Received I conducted the experiment on my own. I received help from my mother and sister in the construction of my project board.	