



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Austin T. Kim	Project Number J1808
Project Title Super Cooling and Snap Freezing	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to see which type of water samples can be supercooled before freezing;distilled water,spring water,or plain tap water.</p> <p>Methods/Materials My objective was to see which type of water samples can be supercooled before freezing;distilled water,spring water,or plain tap water.</p> <p>Results The only water sample to supercool and snapfreeze was the distilled water on its third and final trial.</p> <p>Conclusions/Discussion It appears that my data and results did indeed support my hypothesis in the fact that distilled water would be the only water sample to supercool and snapfreeze. I believe with this experiment the fundamentals of the phenomenon known as supercooling can be better understood.</p>	
Summary Statement The capabilities of different types of water to maintain its liquid state when below freezing.	
Help Received Father helped with experiment.	