



**CALIFORNIA STATE SCIENCE FAIR  
2005 PROJECT SUMMARY**

<b>Name(s)</b> Sara N. Hargraves	<b>Project Number</b> <b>J0514</b>
<b>Project Title</b> <b>Does Heat Affect Crystal Growth?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> To determine if heat affects crystal growth.</p> <p><b>Methods/Materials</b> Pottasium Fericyande Cupric Sulfate 4 petri dishes 4 crystal growing papers 1 cup of water</p> <p><b>Results</b> My results is that heat does affect crystal growth. When put by a heater it grows faster and larger.</p> <p><b>Conclusions/Discussion</b> As stated in my hypothesis, I believed that heat would make the crystals grow faster. The experimental data supported my hypothesis, indicating that heat affects crystal growth. I believe this is the case because the heat flow moves atoms and grows faster and larger, while in the cold it doesn't move the atoms as much.</p>	
<b>Summary Statement</b> It is to determine if heat affects crystal growth.	
<b>Help Received</b> My mother in helping me typing my report, my father in also helping me type my report , and Mr. Scott in buying the materials i needed and spending long hours to help correct my report.	