



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Allison M. Park	Project Number S1716
Project Title The Correlation between the Aging in a Banana and the Amount of Potassium It Contains	
Abstract Objectives/Goals The goals were to determine at what age of the banana contains the most amounts of potassium as well as at what age of the banana contains the least amounts of potassium. Methods/Materials The major materials utilized were ten bananas, distilled water, a Cardy K meter, standardized solution, and sampling sheets. The bananas were cut, pressed, and measured in a course of eight days. After each measurement, the meter was cleaned with distilled water to ensure accuracy in the results. The results were gathered as the bananas gradually ripened. Results On average, the bananas in the first day of experimentation contained the most amounts of potassium of 4300 ppm. However, bananas of day seven contained the least amounts of 2730 ppm. There was a drastic decrease. Conclusions/Discussion My conclusion was that the younger bananas will contain more amounts of potassium as opposed to the riper bananas. These results may prove beneficial to those who require the greater amounts of potassium in their daily diet.	
Summary Statement My project was about the comparison between the potassium levels in different ages of bananas.	
Help Received Mother helped purchase materials for experiment.	