



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

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Project Title Investigating Enviromental Condition with Fingerprint Quality on Glass Surfaces	
Abstract Objectives/Goals Is to determine if you can find a good quality fingerprint when you put glass in the oven, freezer, and rain. I sent the 40 samples to local officers to judgethe fingerprints from a scale of 1-3. 1 being bad to use as evidence.3 being can be used as evidence. Methods/Materials -40 glasses -non-serol gloves -negative 10 degrees freezer -200 degrees oven Latent print feild kit -dusting brush -black fingerprint powder -fingerprint index card -ink pad -cutting blade -tape Results Rain on Glass -overall average of 2.2 out of 3 Heat on Glass -overall average of 1.1 out of 3 Freeze on Glass -overall average1.2 out of 3 Conclusions/Discussion The overall result is that Rain has the best quality and should be used as evidence in a crime scene. Heat had the lowest ratingout of all.	
Summary Statement Investigating Enviromental Conditions with Fingerprint Quality on Glass Surfaces	
Help Received 3 police officers judge fingerprints	