



**CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY**

Name(s) Tayla Rae Beauchesne	Project Number 35022
Project Title Cool Tool	
Objectives/Goals My project is a solar powered fridge that works from Avaporation and Condinsation to keep materials cool in places that dont have axcess to electricity.	
Abstract Methods/Materials I took a insulated containir and drilled 1 1/2" holes all around it and lined inside with mesh screeing, then I inserted a aluminum containier on the inside and added certain materials between outter containier and inner container, then added water and threw the holes water would evaporate and cool the inside of the aluminum containier.	
Results This Cooling process did work with certain materials but not with all of materials also the Tempature on certain days made a big difference on how well the cooling process worked.	
Conclusions/Discussion My fridge worked , I think that I needed alot hotter and dryer conditions so the evaporation process would happen more rapidly witch would create more condinsation witch would cause the inner aluminum container to get alot cooler and would act more like a fridge.	
Summary Statement Keeping important items cooled in places that dont have axcess to electricity.	
Help Received My Fater helped me build fridge.	