CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s)	Project Number
Andrew W. Brawders	
	35491
Project Title	
TEC Peltier Tile Efficiency for Cooling and Heating	
Abstract	
Objectives/Goals My science fair project tests my hypothesis on whether the Peltier tile is heating. Also to see if it can be used in daily life.	more efficient in cooling or
Methods/Materials A platform made of some metal and wood, heatsinks, a Peltier tile in ada tile interface, and a power source .	apter for the power source/peltier
Results Opposite of what I expected in my hypothesis. The heating was more efficiency of both sides of Pe	icient than the cooling, bigger
Conclusions/Discussion In conclusion, its efficiency is too low and is not energy efficient. Althou heatsink to counteract the large amount of heat it produces to keep it from	
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Summary Statement My project is to see if a Peltier tile is efficient and practical enough to be applications .	used in heating or cooling
Help Received Parents and teachers	