

CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s)		Project Number
Eric C. Teves		J0815
Project Title Higher Altitude Th	nin Air	
	Abstract	
The purpose of my project is container will act as a pair of Methods/Materials 1-2 litter soda bottle empty, pressure gauge	to see the change of pressure in a container w Flungs. 2-16 oz water bottles, rubber cement,coat han	with increasing altitude and the ngers, electrical conduit wrap, tire
I placed an air gauge on a air altitude on Sonora Pass of 9, pressure in my test vessel and Results Results were mixed. The 2 li the bottle. The smaller thinne Conclusions/Discussion My hypothesis was correct. S to the higher altitude. Throug as not getting enough oxygen embolism and swelling of the	tight 2 litter soda bottle. Started at Hollister 6 624 feet in elevation. At different elevations I d charted the results. ter bottle did not expand as much as I had exp er walled plastic bottles expanded as predicted Some people have had a hard time breathing a gh my research that i've done people may have to the brain,faster heart beat,hyperventilation e brain tissue these serious effects will usually	Ca 289 ft of elevation up to a measured the building air bected due to the thickness of d with impressive visual effects at altitude but usually will adjust e other medical difficulties such n,stroke,heart attack,pulmonary happen at above 12,000 feet
Summary Statement Why High Altitude air is thir	nner?	
Help Received		· ,