

CALIFORNIA STATE SCIENCE FAIR 2006 PROJECT SUMMARY

Name(s)	Project Number	
Kristen Reynier; Spencer Shoemaker	J1533	
Project Title What's Hot? What's Not?		
Objectives/Goals Abstract		
The objective is to determine which material will insulate heat best of foil. We believe that polystyrene will be the best heat insulator. Methods/Materials Our experiment had three identical boxes, three identical jelly jars, the insulators that we used were common wood chips, aluminum foil, an water was poured into each of the jelly jars surrounded by each of the recorded in equal time increments up to 90 minutes. Results It was found that of the three insulators polystyrene was shown to be conditions. Conclusions/Discussion We concluded that our hypothesis was correct. The polystyrene insulf foil or wood. This is due to the fact that polystyrene is a closed cell nother things that may cause the temperature of the water to decrease.	the best insulator under these	
Summary Statement Which material insulated heat best, polystyrene, wood, or aluminum	foil?	
Help Received Our parents, Kevin and Pam Reynier and Steve and Teresa Shoemak	er. Jim Kapin, and Jerry Reinen	