

Nate Copley & Nevaeh Fisher  
*Ice Benders*

The purpose of our experiment was to find out if we could remove car hood dents with dry ice and heat. We believed that if we applied heat and dry ice to the dent of a car hood, then the dent would be removed. The experiment involved us measuring the dent sizes on the hood, applying heat to the dent with a blow dryer and a heat gun, and placing dry ice on the dent. We then recorded the data for each trial. The data collected did not support our original hypothesis. For example, when we heated the metal to 56 degrees Celsius, then immediately cooled it to 11 degrees Celsius with dry ice, nothing happened. With each trial, different temperatures were recorded and each one failed to remove the dent. These findings led us to believe it is difficult to remove dents from a car hood with dry ice and heat.