

Jerrica Cherry
Senior Division Earth & Space Sciences
Feeling the Heat?

There are many concerns in the world right now. Although one of the biggest and most important is global warming. The purpose of this project is to see if carbon dioxide as a essential contributor to global warming. Once this experiment began it was expected that environments containing the greatest concentration of carbon dioxide would experience the largest increase in atmospheric temperature. A model of earth's atmosphere was created that included the ocean and air masses only; no model of land mass was included. Small quantities (0.01 to 0.03 g) of carbon dioxide were added to the model and the temperature was monitored for eight hours. Models containing the greatest quantities of carbon dioxide did show an observable difference in temperature.