



## ENTERING THE O-NO ZONE



**SCHOOL:** ROBERTO CLEMENTE MIDDLE SCHOOL

**LOCATION:** GERMANTOWN, MD

**FLIGHT PROVIDER:** AEROSTAR

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

Our experiment maps the correlation between radiation, temperature, and ozone, proportional to altitude. Comparing these levels to past data will let us see the effects of climate change and its relation to ozone layer depletion. We hypothesize that as altitude increases, temperature will decrease at a relatively steady rate. We were inspired to come up with this experiment to see how climate change has affected the atmosphere and how different components interact.