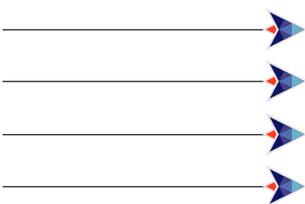




# CLIMATE CATASTROPHE



**SCHOOL:** ROBERTO CLEMENTE MIDDLE SCHOOL

**LOCATION:** GERMANTOWN, MD

**FLIGHT PROVIDER:** AEROSTAR

**GRADES:** MIDDLE SCHOOL

## STUDENT EXPERIMENT DESCRIPTION

Our experiment is focused on climate change and will measure greenhouse gasses, including carbon dioxide and methane. It will also capture pictures of forests, bodies of water, and coasts, that can be compared to past photos to see the impact humans have had on earth. The camera will take pictures every 30-45 seconds and store them with latitude and longitude. We will use a microcontroller to collect data from a variety of sensors, such as a methane sensor and a temperature and humidity sensor.