



TESTING AIR QUALITY, CHEMICAL COMPOSITION, AND POLLUTANTS



SCHOOL: LAKE CITY HIGH SCHOOL

LOCATION: COEUR D'ALENE, ID

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our team is interested in exploring pollution in the air to gain hands-on experience and information about how we are affecting the atmosphere. We will use a microcontroller and various sensors to measure barometric pressure, temperature, humidity, and VOCs throughout the flight. We plan to collect and observe the data and determine how the amount of pollution in the air compares at different locations and altitudes throughout the flight.