



MICROPLASTICS DENSITY AND SIZE BASED ON DIFFERENT ALTITUDES



SCHOOL: BERGEN COUNTY TECHNICAL HIGH SCHOOL - TETERBORO

LOCATION: TETERBORO, NJ

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

The experiment will collect data on the frequency of microplastics to determine how microplastics change at different altitudes and aid us in our conclusions regarding air travel and industrial pollution. We hypothesize that the frequency of microplastics present will decrease due to the lower air density and fewer pollution sources at higher altitudes. Attending school in an urban environment raised our concerns for our surrounding environment, and how it affects our health.