



MICROPLASTICS IN THE ATMOSPHERE



SCHOOL: SOUTH KINGSTOWN HIGH SCHOOL

LOCATION: WAKEFIELD, RI

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

We want to study microplastic levels in the atmosphere to bring awareness of pollution to industry and government leaders, encouraging reduced plastic use to help our world. Our hypothesis is that as the payload travels higher in the atmosphere, microplastic concentration increases, transitioning from coarse to fine to ultrafine particles. Pollution is abundant and overlooked in coastal areas like ours. We hope to highlight the impact of microplastic pollution on our community & the world.