



HIGH ALTITUDE OXYGEN DIFFIUSION



SCHOOL: OLD COLONY REGIONAL VOCATIONAL TECHNICAL HS

LOCATION: ROCHESTER, MA

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our team's focus is to accomplish electrolysis at such a high altitude and research on how this could be expanded in order to benefit astronauts in future space exploration, as well as helping people down on earth to breathe easier. Our hypothesis is that when our experiment begins, the electrolysis will produce oxygen comparable to electrolysis in typical pressure levels. Our team was inspired by our passion for STEM, our tech school environment, and our drive to make a change in the world.