



SEARCHING FOR BACTERIA IN THE STRATOSPHERE



SCHOOL: LOWER BRULE HIGH SCHOOL

LOCATION: LOWER BRULE, SD

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to uncover hidden substances in the atmosphere by measuring air pressure, air quality, and detecting bacteria. We seek to learn about the types of bacteria that may be present in the upper atmosphere. We believe that bacteria will be found in the air, either from Earth or unknown species not commonly found on Earth. The students who worked on the eclipse project last year inspired this experiment. They were the first ones to sample bacteria in the atmosphere.