



SOILS IN THE STRATOSPHERE



SCHOOL: GREATER NANTICOKE AREA HIGH SCHOOL

LOCATION: NANTICOKE, PA

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our team's experiment idea is to take several soil samples, and see the effects that exposure to the stratosphere has on them. We hope to find out whether or not we are able to grow a plant on Mars. We hypothesize that the soils in our experimental group will lose essential nutrients needed for plant growth due to the harsh conditions in the stratosphere. We're inspired by the idea of understanding how soil reacts to an environment similar to Mars.