



HOW SOLAR PANEL PERFORM IN DIFFERENT ALTITUDES



SCHOOL: SOMERSET ALIANTE

LOCATION: NORTH LAS VEGAS, NV

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment is to see if solar panels can collect solar energy at different altitudes of the atmosphere and to see what spots in the sky are the most optimal for solar farms. We believe that there will be different levels of solar energy at different altitudes. Spots where the solar rays are stronger will determine better/worse levels of energy. Our inspiration for this project was the limited amounts of solar energy that we collect on Earth, and the goal of wanting to increase that level.