





LUNAR DEPTH AEROSPACE ROCKET



-  **SCHOOL:** RED MOUNTAIN HIGH SCHOOL
-  **LOCATION:** MESA, AZ
-  **FLIGHT PROVIDER:** ASTROBOTIC
-  **GRADES:** HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

By combining position data from a GPS module and distance data from a LIDAR sensor, we are able to map the “lunar” surface topography and identify any abnormalities. Our experiment should be able to give back images with topographical information inscribed on them. We were inspired by similar experiments which utilized LiDAR to accomplish tasks such as mapping rainforests and improving the efficiency of self-driving cars.