



# 3D MAPPER AND THERMAL MAPPER AND NORMAL MAPPER



- SCHOOL: EVANSTON MIDDLE SCHOOL
- LOCATION: EVANSTON, WY
- FLIGHT PROVIDER: ASTROBOTIC
- GRADES: MIDDLE SCHOOL

## STUDENT EXPERIMENT DESCRIPTION

Our experiment will be attached to a rocket-powered lander to show 3D and thermal mapping of a simulated lunar surface. We hypothesize our experiment will be able use multiple cameras and sensors to create a 3D map of the topography of the surface and what is lying just below the surface. We were inspired by the new missions to the Moon and Mars. We want to make your missions successful by finding the best places to set up a base on a Lunar or Martian mission.