

Group Members:

Final Score:

/21

Challenge	Objective	1	2	3
Activate Comms	Navigate the robot to the satellite dish, and push on it to position the dish fully upright.	The robot pushed the satellite dish, but the satellite dish did not stay upright because the robot pushed too much or not enough.	The satellite dish stayed upright, but at a lower position because the robot did not push hard enough.	The satellite dish stayed upright.
Assemble Crew	Program your robot to collect the flight commander from the lunar flight base and bring her back to the base area.	The team picked up another mission specialist instead of the flight commander.	The team managed to pick up the flight commander, but did not make the return trip to the base area.	The team picked up the flight commander, and made it back to the base area.
MSL Robot	Program your robot to free the MSL robot from the slope so it can continue on its mission to study the Martian surface.	The team did not remove the robot from the slope, but a clear attempt has been made.	The team moved the robot from its original position, but it is still touching the slope or is partly away from the Martian surface.	The team rescued the robot from the slope, and all six wheels are back on the Martian surface.
Launch Satellite	Program your robot to place a satellite into low Earth orbit. The satellite has to go into the marked area.	No part of the communication satellite rests inside the marked area.	Parts of the communication satellite rest outside the marked area.	All parts of the communication satellite rest inside the marked area.
Rock Samples	Program your robot to get the samples and return them to the base area for further investigation.	Only one rock was delivered to the base area.	Two or more rocks were returned to the base area.	The team managed to get all of the rock samples in one run, and return them to the base area.

Power Supply	Program your robot to rotate the handle, unfold the solar arrays, and start power running to the station.	The team has not managed to successfully unfold the solar arrays.	The team has managed to unfold the solar arrays, but the panels don't stay upright.	The team has not only unfolded the solar arrays, but the panels all stay upright.
Launch Rocket	Program your robot to press the launch button and start the launch sequence to bring the first crew to explore Mars.	The team launched the rocket as planned, but no part of it reached Mars.	The team launched the rocket and it reached Mars, but they didn't succeed in activating the station.	The team launched the rocket, and the station is activated.

Time Completed:

