



Crew Member Job Application



Crew Member Data

First Name and Last Name:

School / Grade Level:

Date:

Welcome, crew member!

Before your visit to Challenger Learning Center, you will need to apply for a specific job in the mission.




Read the chart on the following pages to learn more about all of the jobs needed to complete a mission.





In the “Am I Interested?” column, put a check mark or an “x” if this job sounds exciting to you.



Then, rank your top 3 choices, and explain why you think you would be a good candidate for the job.



Lunar Quest Jobs

Team Name	Job Description	Branches of Study	Career Connections	Am I Interested?
Biology (BIO) 	Responsible for conducting experiments and collecting data to investigate lung conditions that can occur due to radiation exposure.	<ul style="list-style-type: none"> • Laboratory Sciences • Respiratory Diseases • Infectious Diseases 	<ul style="list-style-type: none"> • Biologist • Epidemiologist • Physiologist • Lab Technician 	
Robotics (BOT) 	Responsible for programming instruments for the ROV and using a robotic arm to test and deploy a solar panel.	<ul style="list-style-type: none"> • Coding • Electrical Engineering • Computer and Informational Technology 	<ul style="list-style-type: none"> • Electrical Engineer • Computer Programmer • Systems Technician 	
Geology (GEO) 	Responsible for conducting experiments with rocks and minerals and analyzing the physical features of the landing sites on the Moon.	<ul style="list-style-type: none"> • Physical Sciences • Geology • Environmental Sciences 	<ul style="list-style-type: none"> • Geologist • Chemical Engineer • Seismologist • Land Surveyor 	

<p>Life Support (LS)</p> 	<p>Responsible for conducting experiments and troubleshooting the systems on the Spacecraft to ensure the environment is safe for the crew during the flight.</p>	<ul style="list-style-type: none"> ● Engineering ● Environmental Health and Safety 	<ul style="list-style-type: none"> ● Environmental Engineer ● Chemist ● Systems Technician 	
<p>Medical (MED)</p> 	<p>Responsible for monitoring vitamin levels and conducting wellness exams on the crew to ensure their health and safety.</p>	<ul style="list-style-type: none"> ● Human anatomy and physiology ● Biology ● Nutrition ● Health Sciences 	<ul style="list-style-type: none"> ● Nurse or Doctor ● Emergency Medical Technician (EMT) ● Nutritionist ● Medical Assistant 	
<p>Navigation (NAV)</p> 	<p>Responsible for calculating and plotting the Spacecraft's course to the Moon and back to Earth.</p>	<ul style="list-style-type: none"> ● Aviation ● Aerospace Studies and Operations 	<ul style="list-style-type: none"> ● Pilot ● Aerospace Engineer ● Mathematician ● Air Traffic Controller 	
<p>Communications (COM)</p> 	<p>Responsible for communicating messages between the Spacecraft and Mission Control and communicating critical messages to crew members throughout the mission.</p>	<ul style="list-style-type: none"> ● Communications ● Physical Sciences / Sound Waves 	<ul style="list-style-type: none"> ● Communication Engineer ● Satellite Engineer ● Systems Technician 	

<p>Rover (ROV)</p> 	<p>Responsible for designing and assembling a Remotely Operated Vehicle that is launched to the surface of the Moon to search for lava tubes.</p>	<ul style="list-style-type: none"> ● Engineering ● Network Support ● Information Technology ● Communication Technology 	<ul style="list-style-type: none"> ● Computer Scientist ● Mechanical Engineer ● Structural Engineer 	
<p>Weather (WX)</p> 	<p>Responsible for researching and learning about solar energy and conducting experiments to ensure the spacecraft has enough solar power.</p>	<ul style="list-style-type: none"> ● Meteorology ● Astronomy ● Environmental Engineering 	<ul style="list-style-type: none"> ● Meteorologist ● Electrical Engineer ● Astronomer 	



Now that you have read the job descriptions for Lunar Quest, it's time to apply for the job you would like to do for this mission.

Think about your experiences and interests, and fill out the chart below.

Job Ranking	Desired Job	What experiences have you had that would help you do this job?	What interests do you have that would make this job exciting for you?
1st Choice			
2nd Choice			
3rd Choice			