



Crew Member Job Application



Crew Member Data

First Name and Last Name:

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	Areas of Interest	Career Connections	Am I Interested?
Biology (BIO)	Responsible for conducting experiments and collecting data to observe the impact of space radiation.	<ul style="list-style-type: none"> • Environmental science • Life sciences (plants, animals, organisms) 	<ul style="list-style-type: none"> • Biologist • Environmental researcher • Botanist 	
Robotics (BOT)	Responsible for using the robotic arm to conduct experiments and code programs for rover tasks.	<ul style="list-style-type: none"> • Engineering design • Problem-solving and troubleshooting 	<ul style="list-style-type: none"> • Mechanical Engineer • Software Engineer 	
Geology (GEO)	Responsible for conducting experiments with rocks and minerals, and using geographic maps to determine safe landing locations.	<ul style="list-style-type: none"> • Geology (rocks, minerals, and their interaction with the Earth) • Land and water resources and processes 	<ul style="list-style-type: none"> • Geologist • Environmental engineer 	

Life Support (LS)	Responsible for maintaining the life support systems on the spacecraft.	<ul style="list-style-type: none"> ● Engineering design ● Hands-on experimentation and troubleshooting with lab materials 	<ul style="list-style-type: none"> ● Industrial or Systems Engineer ● Chemist 	
Medical (MED)	Responsible for conducting medical tests on the crew to ensure their health and safety.	<ul style="list-style-type: none"> ● Human anatomy and physiology ● Nutrition, exercise and health 	<ul style="list-style-type: none"> ● Nurse or Doctor ● Emergency Medical Technician (EMT) ● Nutritionist 	
Navigation (NAV)	Responsible for commanding the spacecraft and navigating the flight.	<ul style="list-style-type: none"> ● Flight paths and orbits of celestial bodies. ● Satellite communications and systems 	<ul style="list-style-type: none"> ● Pilot ● Aerospace Engineer ● Mathematician 	
Communications (COM)	Responsible for communicating messages between the Spacecraft and Mission Control, and communicating critical messages to crew members throughout the mission.	<ul style="list-style-type: none"> ● Leadership role-comfortable with quick thinking and decision-making ● Satellite communications and systems 	<ul style="list-style-type: none"> ● Communication Systems Engineer ● Information Technologist 	
Rover (ROV)	Responsible for troubleshooting and assembling the rover.	<ul style="list-style-type: none"> ● Engineering design 	<ul style="list-style-type: none"> ● Computer Scientist ● Mechanical Engineer 	

		<ul style="list-style-type: none"> ● Hands-on experimentation and troubleshooting with lab materials 		
Weather (WX)	Responsible for researching and learning about solar energy and conducting experiments to ensure the spacecraft has enough solar power.	<ul style="list-style-type: none"> ● Meteorology ● Analyzing data and tracking information 	<ul style="list-style-type: none"> ● Meteorologist ● Astronomist 	



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			