**
Crew Member Job Application**

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**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.

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**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.**  | * **Environmental science**
* **Life sciences (plants, animals, organisms)**
 | * **Biologist**
* **Environmental researcher**
* **Botanist**
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| **Robotics (BOT)** | **Responsible for using the robotic arm to conduct experiments and code programs for rover tasks.** | * **Engineering design**
* **Problem-solving and troubleshooting**
 | * **Mechanical Engineer**
* **Software Engineer**
 |  |
| **Geology (GEO)** | **Responsible for conducting experiments with rocks and minerals, and using geographic maps to determine safe landing locations.** | * **Geology (rocks, minerals, and their interaction with the Earth**
* **Land and water resources and processes**
 | * **Geologist**
* **Environmental engineer**
 |  |
| **Life Support (LS)** | **Responsible for maintaining the life support systems on the spacecraft.** | * **Engineering design**
* **Hands-on experimentation and troubleshooting with lab materials**
 | * **Industrial or Systems Engineer**
* **Chemist**
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| **Medical (MED)** | **Responsible for conducting medical tests on the crew to ensure their health and safety.** | * **Human anatomy and physiology**
* **Nutrition, exercise and health**
 | * **Nurse or Doctor**
* **Emergency Medical Technician (EMT)**
* **Nutritionist**
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| **Navigation (NAV)** | **Responsible for commanding the spacecraft and navigating the flight.** | * **Flight paths and orbits of celestial bodies.**
* **Satellite communications and systems**
 | * **Pilot**
* **Aerospace Engineer**
* **Mathematician**
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| **Communications (COM)** | **Responsible for communicating messages between the Spacecraft and Mission Control, and communicating critical messages to crew members throughout the mission.** | * **Leadership role- comfortable with quick thinking and decision-making**
* **Satellite communications and systems**
 | * **Communication Systems Engineer**
* **Information Technologist**
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| **Rover (ROV)** | **Responsible for troubleshooting****and assembling the rover.** | * **Engineering design**
* **Hands-on experimentation and troubleshooting with lab materials**
 | * **Computer Scientist**
* **Mechanical Engineer**
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| **Weather (WX)** | **Responsible for researching and learning about solar energy and conducting experiments to ensure the spacecraft has enough solar power.** | * **Meteorology**
* **Analyzing data and tracking information**
 | * **Meteorologist**
* **Astronomist**
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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** |  |  |  |