Lunar Quest Station Descriptions

Communications 	Responsible for communicating messages between the Spacecraft and Mission Control, and communicating critical messages to crew members throughout the mission. Students on this team should feel comfortable reading aloud, following quick directives, and answering questions orally. SKILLS: reads well, assertive, calm under pressure, organized, able to multitask, leadership
Remotely Operated Vehicle 	Responsible for troubleshooting and assembling the rover. Students on this team should feel comfortable troubleshooting and problem-solving with lab materials and enjoy collaborating with peers. SKILLS: collaborative, proficient math skills, closely follows instructions, calm under pressure
Navigation 	Responsible for commanding the spacecraft and navigating the flight. Students on this team should feel comfortable reading aloud, have strong communication skills, and be able to pay close attention to written and oral details. SKILLS: completes multi-step math problems, strong hand-eye coordination, collaborative
Weather 	Responsible for researching and learning about solar energy and conducting experiments to ensure the spacecraft has enough solar power. Students on this team should feel comfortable collecting and analyzing data and making quick decisions based on results. SKILLS: map reading, proficient math skills, closely follows instructions, analyzes data
Geology 	Responsible for conducting experiments with rocks and minerals, and using geographic maps to determine safe landing locations. Students on this team should feel comfortable collecting and analyzing data with their peers and enjoy experimenting to reveal data. SKILLS: strong observation skills, hand-eye coordination, patience, follows procedures
Robotics 	Responsible for using the robotic arm to conduct experiments and code programs for rover tasks. Students on this team should feel comfortable troubleshooting, problem-solving, and working under pressure with their peers to share and analyze data. SKILLS: spatial awareness, computational thinking, basic programming
Biology 	Responsible for conducting experiments and collecting data to observe the impact of space radiation. Students on this team should feel comfortable working on collaborative experiments and making quick decisions based on results. SKILLS: follows procedures, strong observation skills, graphing, drawing conclusions
Life Support 	Responsible for maintaining the life support systems on the spacecraft. Students on this team should feel comfortable communicating verbally with their peers to solve problems and enjoy troubleshooting ideas to come to a solution. SKILLS: reads gauges, follows procedures, calm under pressure, strong observation skills
Medical 	Responsible for conducting medical tests on the crew to ensure their health and safety. Students on this team should feel comfortable interacting and conducting experiments with their peers. SKILLS: interacts well with others, patience for repetitive tasks

If you have questions about completing the Crew Manifest, contact the Challenger Learning Center.