Customize Your Expedition Mars Crew

The Expedition Mars crew is flexible based upon the number and talents of your students. We recommend building the teams in a manner that fits the strengths of your students and teaching objectives.

1. **Review** the Team Descriptions and Responsibilities.

2. **Review** the Crew Manifest. The characteristics listed under each team are included to help you assign students to appropriate jobs.

3. **Review** the following Crew Manifest guidelines:
   - A minimum of 8 students are needed to fly Expedition Mars.
   - Each Team includes at least one student on the Spacecraft (SC) crew and one student on the Mission Control (MC) crew.
   - Each team member on the Spacecraft (SC) crew must have a corresponding team member in the Mission Control (MC) crew.
   - Do not assign a second student to each team until one student is assigned to every team.

4. **Follow** the below instructions to complete the Crew Manifest
   - Starting with the **Communication Team**, assign a student to **1)** under Mars Transport Vehicle.
   - Continue with the **Communication Team** and assign a student to **2)** under Mission Control Crew.
   - Move to the Navigation Team and assign a student to **3)** and another student to **4).**
   - Move to the Rover Team and assign a student to **5)** and another student to **6).**
   - Continue assigning students **following the numbers on the crew manifest.**
   - Once you have a student assigned to each team **(1-18, gray boxes)** move on to assign a second student to the team **(19-34, white boxes).** These students will work as partners.

5. On the day of your mission, **bring a completed copy** of your Crew Manifest.

If you have questions about completing the Crew Manifest, please contact us at challenger@wcusd200.org

EXPEDITION MARS: CREW MANIFEST

Mission Date:		Mission Time:		Grade:	
Teacher:		School:		Zip:	
# of Students:		# Boys:		# Girls:	# Do Not Identify:

In numerical order, please assign one student to each crew team		
Team	**Spacecraft Crew**	**Mission Control Crew**
COM Communication: Skilled reader and oral communicator; able to make quick decisions	1) _____	2) _____
NAV Navigation: Strong math skills; attention to detail; skilled reader	3) _____ 19) _____	4) _____ 20) _____
ROV Rover: Analytical; skilled oral communicator; able to weigh options	5) _____ 21) _____	6) _____ 22) _____
WX Weather: Proficient math skills; observant, detail oriented	7) _____ 23) _____	8) _____ 24) _____
MED Medical: Proficient measurement skills; attention to detail; able to make quick decisions	9)_____ 25_____	10) _____ 26) _____
BIO Biology: Strong observation and monitoring skills; able to interpret data and draw conclusions	11) _____ 27) _____	12) _____ 28) _____
BOT Robotics: Patient, proficient computer skills, strong oral communicator	13_____ 29) _____	14) _____ 30) _____
LS Life Support: Team player; able to handle stress; strong measurement skills	15) _____ 31_____	16) _____ 32) _____
GEO Geology: Observant; strong hand-eye coordination; attention to detail	17)_____ 33)_____	18) _____ 34) _____