



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 Mars Transport Vehicle (MTV) crew and one student on the Mission Control (MC) crew.
 - Each team member on the Mars Transport Vehicle (MTV) 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 Tom Wollpert at twollpert@wvusd200.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	Mars Transport Vehicle 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) _____	4) _____
	19) _____	20) _____
ROV Rover: Analytical; skilled oral communicator; able to weigh options	5) _____	6) _____
	21) _____	22) _____
WX Weather: Proficient math skills; observant, detail oriented	7) _____	8) _____
	23) _____	24) _____
MED Medical: Proficient measurement skills; attention to detail; able to make quick decisions	9) _____	10) _____
	25) _____	26) _____
BIO Biology: Strong observation and monitoring skills; able to interpret data and draw conclusions	11) _____	12) _____
	27) _____	28) _____
BOT Robotics: Patient, proficient computer skills, strong oral communicator	13) _____	14) _____
	29) _____	30) _____
LS Life Support: Team player; able to handle stress; strong measurement skills	15) _____	16) _____
	31) _____	32) _____
GEO Geology: Observant; strong hand-eye coordination; attention to detail	17) _____	18) _____
	33) _____	34) _____