



During your visit to The Challenger Center, your students will be broken into 2 groups: Mission Control and Spacecraft. There will be 9 teams in Mission Control, and 9 teams in Spacecraft, with 2-3 students per team in each room. The COM Team however will only have 1 student in Mission Control and 1 student in Spacecraft.

For the first half of the mission, there will be 9 teams in Mission Control and 9 teams in Spacecraft. At the mid-point of the mission, students will switch places and move to the other room.

Below are brief descriptions of each of the teams. You may also view the Student Job Application to see the specific tasks that each team works on during the mission.

After reading the team descriptions, use the next page to fill your class list into the column on

Team Descriptions		
<p><u>Communications</u> (COM): Students on this team should feel comfortable reading aloud, following quick directives and answering questions orally.</p>	<p><u>Navigation</u> (NAV): Students on this team should feel comfortable reading aloud, have strong communication skills, and are able to pay close attention to written and oral details.</p>	<p><u>ROVER</u> (ROV): Students on this team should feel comfortable with troubleshooting and problem solving with lab materials and enjoy collaborating with peers.</p>
<p><u>Weather</u> (WX): Students on this team should feel comfortable collecting and analyzing data, and making quick decisions based on results.</p>	<p><u>Medical</u> (MD): Students on this team should feel comfortable interacting and conducting experiments with their peers.</p>	<p><u>Biology</u> (BIO): Students on this team should feel comfortable working on collaborative experiments and making quick decisions based on results.</p>
<p><u>Robotics</u> (BOT): Students on this team should feel comfortable troubleshooting/ problem solving and working with their peers to share and analyze data.</p>	<p><u>Life Support</u> (LS): Students on this team should feel comfortable communicating verbally with their peers to solve problems and enjoy troubleshooting ideas to come to a solution.</p>	<p><u>Geology</u> (GEO): Students on this team should feel comfortable collecting and analyzing data with their peers and enjoy experimenting to reveal data.</p>

the left. Then, select the team name for your student using the table above and then place each student on either Mission Control or Spacecraft. A few samples have been done for you.

A few things to note:

- The COM team needs only 1 member in Spacecraft and 1 member in Mission Control.
- The rest of the teams can have 2 team members per room. If needed MED and BOT can have an additional third team member.
- Please reach out to the Flight Director at The Challenger Center if you have any specific questions about student teams and placement.

Operation Comet- Crew Manifest

Mission Date:	Mission Time:
Teacher Name:	Grade:
School Name:	# of Students:
School District/County:	School State:

Follow the numerical order to assign one student to each crew for each team.
Each circled number must be filled first. Then, assign a second student to each crew.

Team	Spacecraft Crew	Mission Control Crew
COM skilled reader and oral communicator, able to make quick decisions	① _____	② _____
	③ _____	④ _____
ROV analytical, skilled oral communicator, able to weigh options	19 _____	20 _____
	⑤ _____	⑥ _____
NAV strong math skills, attention to detail, skilled reader	21 _____	22 _____
	⑦ _____	⑧ _____
WX proficient math skills, observant, detail-oriented	23 _____	24 _____
	⑨ _____	⑩ _____
GEO observant, strong hand-eye coordination, attention to detail	25 _____	26 _____
	⑪ _____	⑫ _____
BOT patient, proficient computer skills, strong oral communicator	27 _____	28 _____
	⑬ _____	⑭ _____
BIO strong observation and monitoring skills, able to interpret data and draw conclusions	29 _____	30 _____
	⑮ _____	⑯ _____
LS team player, able to handle stress, strong measurement skills	31 _____	32 _____
	⑰ _____	⑱ _____
MED proficient measurement skills, attention to detail, able to make quick decisions	33 _____	34 _____

- **Please bring two copies of this completed Crew Manifest with you on the day of your Mission.**