

# COMET/MOON CREW MANIFEST

DO NOT USE THIS MANIFEST AFTER THE 2014-15 YEAR.

Important Note: Fill in each position in numerical order, legibly.

Choose one:

Photo Consents

(please circle anyone who does NOT have consent)

No Photo Consents for class

Mission \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

School \_\_\_\_\_ Ambassador (Teacher) \_\_\_\_\_

## JOB TEAMS\*

\*PLEASE PRINT NAMES LEGIBLY

### Communication Officers

### Space Meteorologist

IF YOUR MISSION HAS LESS THAN 24 STUDENTS, SKIP TO THE NEXT POSITION

### Navigators

IF YOUR MISSION HAS LESS THAN 27 STUDENTS, SKIP #23 AND #24

### Medical Doctors

### Aeronautical Engineers

### Biologist (Comet only) / Geologist (Moon only)

### Life Support Specialist

### Robotic Specialist @ ISO 1

### HazMat Specialist @ ISO 2

### Solar Array Monitor @ ISO 3

### Senators (Chaperones, Visitors)

## MISSION CONTROL CREW

## ASTRONAUT CREW

5.	6.
31.	32.

19.	20.
-----	-----

1.	2.
23.	24.

13.	14.
15.	16.

3.	4.
21.	22.

11.	12.
29.	30.

7.	8.
27.	28.

9.	10.
----	-----

17.	18.
-----	-----

25.	26.
-----	-----

A.	B.
C.	D.

## TIPS FOR PREPARING A CREW MANIFEST Comet / Moon

Follow the numerical order on the manifest for filling jobs, placing highest ability students in the lower numbered positions.

Note: The term “spacecraft” is used in Moon / “space lab” is used in Comet

### **Navigator**

This team works very well with one or two team members in Mission Control and the spacecraft/space lab. This is a crucial team for the pace of the mission, so choose carefully here. Team members will utilize computers to locate proper latitudes and longitudes. Informational reading skills are very helpful.

### **Aeronautical Engineer**

This team works very well with two members in Mission Control and two in the spacecraft/space lab, but placing one strong student alone should work fine. This too is a crucial team for the pace of the mission, so choices should be made carefully. Informational reading skills are necessary as well as higher-level reading and communication skills. Mechanical skills are also helpful.

### **Communications Specialist**

This team works best with one team member in Mission Control and one in the spacecraft/space lab. This team will be responsible for checking on all teams. Team members should have good speaking and organizational skills. Ability to prioritize and work under pressure is helpful.

### **Robotic Specialist (at ISO 1 work station) / HazMat Specialist (at ISO 2 work station)**

This team will have one member in Mission Control and one in the spacecraft/space lab. The team members should have good hand-eye coordination and high frustration tolerance. Kinesthetic learners do well at this station. Once the task is learned, the job is repetitive with minimal reading.

### **SAM / Solar Array Monitor (at ISO 3 work station)**

This team will have one member in Mission Control and one in the spacecraft/space lab. The team members will encounter vocabulary about micrometeoroids and solar arrays and they will enter data into a chart.

### **Life Support Specialist**

This team will have one or two members in Mission Control and the spacecraft/space lab. The Life Support team members will read a variety of gauges and may use basic lab equipment including a test tube, beaker, graduated cylinder, eyedropper, etc. They are likely to encounter major emergencies; ability to work under pressure is helpful. Non-repetitive.

### **Geologist (MOON ONLY)**

This team will have one or two members in Mission Control and the spacecraft/space lab. Geology team members will need the ability to observe, analyze and record data. Good written communications skills including the ability to use descriptive phrases are helpful. Team members will encounter vocabulary that includes regolith, mass, volume and density.

### **Biologist (COMET ONLY)**

Biology team members will need the ability to carefully observe plants and insects, analyze and record data. Good written communications skills including the ability to use descriptive phrases are helpful. Team members will encounter vocabulary including aeroponics and pH.

### **Space Meteorologist**

This team will have one member in Mission Control and one in the spacecraft/space lab. Students will conduct research, monitor solar flares, and conduct a magnetosphere lab activity. The student should be comfortable encountering unfamiliar concepts and vocabulary.

### **Medical Doctor**

This team can work with one or two members in Mission Control and one or two in the spacecraft/space lab. This is a good location for a higher and lower functioning student to be paired as a team on one side.