

# Team Descriptions

## Rendezvous with a Comet, Voyage to Mars, Return to the Moon

**Communications Team (COM):** As a member of the Communications Team the students will be responsible for all verbal communication between Mission control and the Space Station.

**Skills:** Proficiency in reading and oral communications, ability to work in high stress situations, ability to prioritize.

**Learning Style:** Favor an auditory learning style.

**Medical Team (MED):** As a member of the Medical Team the students will monitor and analyze auditory and visual response time, respiration rate, skin temperature, and heart rate of Space Station personnel.

**Skills:** Data entry skills, a strong interest in biological sciences, math skills (simple averaging).

**Learning Style:** Favor a visual learning style.

**Isolation Team (ISO):** As a member of the Isolation Team the students will be responsible for conducting research and data analysis of radioactivity, meteoroids, and hazardous materials.

**Skill:** Strong eye hand coordination, use of measurement devices (balance), reasoning, patience.

**Learning Style:** Favor a kinesthetic learning style

**Life Support Team (LS):** As a member of the Life Support Team the student will perform water supply tests, analyze data from pH tests, and read solar panels.

**Skills:** Strong problem solving skills, interest in environmental and biological sciences

**Learning Style:** Favor a visual or kinesthetic learning style

**Data Team (DATA):** As a member of the Data Team the students will be responsible for data entry, synthesizing and summarizing data from the Research Program, and the video link between Mission Control and the Space Station.

**Skills:** Proficiency in reading and oral communications, ability to work in high stress situations

**Learning Style:** Favor a visual or auditory learning style.

**Navigation Team (NAV):** As a member of the Navigation Team the students will send and receive messages, calculate trajectories, and analyze and determine angles for launch coordinates.

**Skills:** Data entry skills, strong math skills, interest in astronomy

**Learning Style:** Favor a visual or auditory learning style

**Probe Team (PROBE):** As a member of the Probe Team the students will be responsible for assembly, deployment, and monitoring of a space probe.

**Skills:** Strong mechanical skills, proficiency in math and reading, analytical problem solving, deduction skills, self motivation

**Learning Style:** Favor a kinesthetic learning style

**Remote Team (REM):** As a member of the Remote Team the students will operate the robotic arm and collect and analyze mass, volume and chromatography data.

**Skills:** Strong mechanical and observation skills, proficiency in reading

**Learning Style:** Favor a kinesthetic or visual learning style.