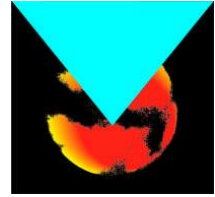




MISSION TO MARS JOB DESCRIPTIONS



Communications (COM): Responsible for sending all messages to Mars Mission Control (Chryse Station) and/or Mars Transport Vehicle (MTV). NEED GOOD READING SKILLS.

Probe (PROBE): Responsible for assembling a weather probe which will be launched into Mars atmosphere. Also, conduct periodic weather checks in Mars Mission Control (Chryse Station). NEED 2 STUDENTS PER SIDE (4 TOTAL).

Remote (REM): Handles rock samples from Earth and Mars using a glovebox. Analyze samples using mass, volume, color, volcanic ejecta, and texture to determine if samples are meteoroids or not. HELPFUL IF THERE ARE 2 STUDENTS PER SIDE (4 TOTAL).

Isolation (ISO): All stations use a robotic arm using joystick controls to handle “hazardous” substances. ISO 1 weighs chemical sample; ISO 2 count holes in meteoroid panel; ISO3 measures the amount of radioactive particles trapped in filters.

Medical (MED): Responsible for keeping the Mars Transport Vehicle (MTV) crew healthy. Test crew members for radiation, visual reaction time, skin temperature and heart rate. Also, identify germs visually.

Life Support (LS): Responsible for keeping Mars Transport Vehicle (MTV) environment safe. They monitor humidity, air pressure, temperature, oxygen system and the water supply of the MTV. Also, conduct a crop survey and determine if MTV has a enough resources (food, water, oxygen, etc.) for return trip to Earth.

Data (DATA): Responsible for entering and receiving typed messages on the computer. NEED GOOD KEYBOARDING SKILLS.

Navigation (NAV): Responsible for navigating to and from the Mars Transport Vehicle (MTV) to Mars Mission Control (Chryse Station). GOOD POSITION FOR INDEPENDENT WORKERS WITH GOOD ANYLITICAL SKILLS.

ALL STATIONS INVOLVE READING DIRECTIONS AND USING A COMPUTER TO RESEARCH INFORMATION TO SOLVE PROBLEMS.