

## **TEAM DESCRIPTIONS**



NAME:	Communication Team
	This team will be responsible for using technology to send
First Choice:	all verbal messages between Mission Control and the
Second Choice:	Spacecraft.
Third Choice:	Skills: reading, oral communication, assertiveness, high
	frustration tolerance.
Medical Team	Probe Team
The Spacecraft team will test crew members to	The Spacecraft team will construct, test, and repair the
determine their response time, skin temperature, and	probe. The Mission Control team will direct the
heart rate. Mission Control will record and analyze the	construction of the probe and program the probe
data.	computer.
Skills: interest in medical science, reading lab	Skills: communication, mechanical, reading, math,
instruments, collecting data, graphing.	listening.
Isolation Team	Remote
In Mission Control, this team will record data, perform	The Spacecraft team will run tests on Martian rock and
various calculations, and analyze data concerning	soil samples. The Mission Control Team will record and
hazardous materials. The Spacecraft team will operate	analyze their results. They will use longitude and latitude
the robots and perform experiments dealing with	coordinates to plot the location of the rocks on a map of
radioactivity, meteoroids, and hazardous chemicals.	Mars.
Skills: mechanical, math, hand eye coordination,	Skills: teamwork, eye-hand coordination, math,
understanding of mass, volume, percent, graphing	observation, mapping.
Life Support Team	Navigation Team
The Spacecraft team will monitor environmental	The Navigation team will use longitude and latitude to
conditions, experiment with solar panels, perform pH	locate earth-based tracking sites, set the course for the
tests, and measure microscope field of view. The Mission	Spacecraft, calculate distances in space, adjust thrust and
Control team will record and graph data and analyze	trajectory of the probe, identify orbiting objects, and set
information concerning the Life Support systems for the	the landing parameters for the Spacecraft.
Spacecraft	Skills: math, reading, latitude and longitude, angle
Skills: reading scales on scientific instruments, graphing	estimation.
data, microscope field of view.	
Engineering Team	
This team is responsible for building a remote-control	
rover robot and test driving it. They will also use a wind	
turbine and solar panel to test and compare alternative	
energies for a Mars colony.	
<b>Skills</b> : teamwork, mechanical, high frustration tolerance.	