

## Teams/Skills-Voyage to Mars

**Communications Team (COM)**- students will be responsible for verbal communication between Mars Control (MC) and the Mars Transport Vehicle (MTV)

**Skills:** Good reading and verbal skills.

**Data Team (DATA)**- students will be responsible for the written communications between MC and the MTV.

**Skills:** Good reading and decision making skills.

**Medical Team (MED)**- Students will measure and analyze visual reaction time, auditory reaction time, and blood pressure.

**Skills:** Good reading skills. Able to compute averages.

**Isolation Team (ISO)**- Students will utilize robotic arms to collect data.

**Skills:** Must be patient and mechanically inclined. Good measurement skills (volume and mass).

**Life Support Team (LS)**- Students will be responsible for collecting and analyzing environmental data.

**Skills:** Good problem solving skills. Able to read a variety of gauges and instruments- hygrometer, barometer, PH meter.

**Navigation Team (NAV)**- Students are responsible for planning and executing the voyage to Mars, landing, and the return trip to Earth.

**Skills:** Good math and problem solving skills. Able to find features on a map utilizing latitude and longitude.

**Probe Team (PROBE)**- Students are responsible for the assembly of a probe. Students in MC will read procedures over headphones to students in MTV to complete.

**Skills:** Good reading and listening skills. Mechanically inclined.

**Remote Team (REM)**- students will work in a glove box apparatus to collect and analyze geologic data.

**Skills:** Good reading and problem solving skills.