

NFMS SPACE SHUTTLE PROGRAM

MEDICAL SPECIALIST APPLICATION

Congratulations on deciding to apply for the medical specialist position with the NFMS SPACE Shuttle Program. Please read the following information carefully and be sure you have the time and the motivation to dedicate to this project. This is a very demanding position and will require a tremendous amount of your personal time. You must maintain good grades in all of your classes. Remember....NO PASS, NO FLY! You will be representing the students of your school as well as our community.

Four (4) medical specialist will be chosen. Selection will be based on this application and teacher recommendations. (Keep it neat!) Put forth your best effort in preparing and completing this form. Your completed application must be turned in to Mrs. Evans on or before March 31, 2005. **NO** late applications will be accepted.

JOB DESCRIPTION FOR MEDICAL SPECIALIST

The medical specialists are responsible for monitoring the health of the astronauts before, during, and after the mission. The medical specialists will need to know how to take blood pressure, pulse, temperature readings, and help plan nutritional menus as well as proper exercise for the astronauts and mission control personnel. You will be required to keep all information on legible charts.

RESPONSIBILITIES BEFORE THE MISSION:

Before the mission, the medical specialists will need to learn how to take the astronauts' blood pressure, pulse rate, and temperature. Medical specialists are responsible for teaching the astronauts how to complete these procedures and how to report the information back to mission control; working with the food specialists in planning the menus; and working with the science specialists on developing exercise routines for the astronauts in order to insure a healthy mission for all persons involved. A list of emergency medical personnel and phone numbers will be composed prior to the mission.

RESPONSIBILITIES DURING THE MISSION:

During the mission, medical specialists will be "on call" in mission control. At designated intervals set up before launch time, the astronauts will take their blood pressures, pulse rates, and temperatures and relay them back to mission control. The medical specialist will record all information on charts to be included in the final mission reports. In case of an emergency, the medical specialist will be on hand to offer help and contact the proper medical people if necessary. The medical specialist is also responsible for the collection, recording, distribution, and monitoring of all medications taken during the simulated mission by any and all personnel.

RESPONSIBILITIES AFTER THE MISSION:

After the mission, the medical specialists will be responsible for checking the general health of the astronauts as they emerge from the shuttle. A final report of all medical actions taken before, during, and after the mission will be submitted.