



## Creating Graphing Posters for Mission Day

### Directions

For mission day you may choose to make large-scale posters that will be used by the life support team throughout the mission. Each astronaut's data should be represented as a different color on the graph. Connect data points with lines using the same color. This display is an easy way to keep your entire classroom informed of the status of all three astronauts throughout the mission.

Life support team members create posters for mission day similar to the graphs below. One should be created for heart rate and the other for respiration rate. Be sure that the same titles, scales, and labels from the examples are used to develop the posters. Label the lower and critical thresholds on each graph so that the class can help predict when the astronauts may hit the critical threshold during the mission.

### Materials Needed

- Two large pieces of grid paper, preferably with adhesive for wall displays.
- Use a different color marker for each astronaut.

### Blank Heart and Respiration Rate Graphs for Monitoring Astronaut Life Support Status

