Name:	Date:

EXPLORATION EXTENSION	**3**	**Mission Patches and Demos**	*Background, Materials & Instructions*

Background:

Mission patches are designed by NASA's astronaut crews to symbolize the goals and objectives of their missions. They're personalized with the astronaut's names and represent the crew's mission

Materials:

- ❏ Tag Board
- ❏ Colored Markers

Instructions:

Working with a partner, prepare a demonstration of a robot mission or exploration extension activity. Design a mission patch for that activity and create a poster that illustrates what you've learned. Your teacher will provide further instructions. Present your demonstration in front of the class.

For mission patches see:

Activity
http://nasaexplores.nasa.gov/show_58_teacher_st.php?id=040526104107

Students may need encouragement to pick different activities for their reports. In addition to missions and exploration extensions, consider topics such as:

Murphy's Law and Robotics - Whatever can go wrong will go wrong

Basics Robotics - How to Operate a Calculator Robot

Synchronized Robot Dance

Robot Art

Rescue Robots

Besides showing what they've learned, there is an opportunity for students to demonstrate communication standards in this activity. You may want to invite parents, other teachers, and your principal to see the patches, posters, and presentations.