

# Mission Patch

## Background Information

All NASA space missions have a mission patch designed by the astronauts who will be going on the mission. These mission patches generally include pictures and words that describe the purpose of the mission and represent the astronauts who will be going on the mission.

## Materials

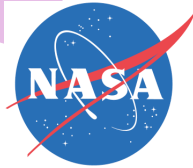
- Urgent Memo found on next page (not in Astronomer Journals)
- Astronomer Journal page 39
- Crayons or colored pencils
- Pictures of NASA mission patches (optional)
- Mission Patch Powerpoint and projector (optional)

## Procedure

1. Show the Urgent Memo to students and explain that they are needed to go on a space mission at the Challenger Learning Center to rescue the New Horizon spacecraft.
2. Explain to students what a mission patch is.
3. If available, show examples of NASA mission patches, and explain pictures/symbols on patches that represent mission objectives and astronauts.
4. As a class, brainstorm ideas of words and pictures that would be good to include on a patch for your Micronauts mission at the Challenger Learning Center.
5. Students should work individually to design a patch for the mission.
6. After each student has created a patch, they should work in groups of 3-4 to choose and modify the patch that they like best in their group.
7. Each group should submit 1 patch to the teacher for consideration in a patch design contest. One patch will be chosen as THE patch for the class Micronaut mission. The winner can be decided by a class vote or by the teacher.

## Expected Results & Explanation

Upon completion of this activity, student will know that they have a purpose and stated objective when they visit the Challenger Learning Center. This activity is the culmination of all the previous weeks activities as they now understand that this Solar System unit is designed to assist them in their preparation for NASA's assignment.



# URGENT!

NASA has lost contact with the New Horizons spacecraft. Your crew of astronauts is needed to go into space and track down this lost satellite at the Challenger Learning Center.

