

# Star Clock

*Telling time with the stars*

## INTRODUCTION

This clock is calibrated for Alaska Daylight Time, and works best on clear nights. It can be tested in the Planetarium as a project for young students.

## MATERIALS

1. Scissors
2. Star-shaped brad
3. Clock cut-outs
4. The night sky

## PROCEDURE

1. Cut out the top and bottom of the clock
2. Attach with the brad directly in the center, where the North Star is indicated. The larger clock should be on the bottom.
3. Go outside, or into a planetarium if it is daytime to test.
4. Find the North Star and Big Dipper (the rest of the instructions are also on the back of the clock).
5. Turn the larger clock so that the current month is in the 12 o'clock position.
6. Facing the North Star, turn the inner clock so that the position of the Big Dipper matches the position of it in the sky.
7. Read the time in the window. Remember to add an hour during Daylight Savings Time (roughly March to November).