

STARLAB – THE PORTABLE PLANETARIUM

PRE-VISIT PAGE

Grades K-2, 45 minutes

Grades 3-8, 60 minutes

The Arizona Science Center will be visiting your location with an inflatable planetarium dome, allowing participants to enjoy an introductory astronomy presentation.

CONCEPTS

- The sun is our closest star
- Stars have characteristics such as color, temperature, size, brightness, and different names
- Groups of stars that make a pattern in the sky are called constellations
- The Moon and certain planets can be visible in the night sky

EXTENSION ACTIVITIES

- Make a scale model of the solar system
- Figure out how far a light year is (in miles)
- Complete the "Make Your Own Constellation" sheet available upon request

PROGRAM NEEDS

- **Limited to 30 participants**
- **Requires 2 teachers/adult helpers to remain with group both inside and outside the Starlab (please prepare young audiences for the darkness inside the dome)**
- **Requires a space that is at least 25 ft. by 25 ft. and a ceiling at least 12 feet high and free from low lying fixtures**
- **Requires easy access to 2 electrical outlets**
- **If multiple programs are scheduled at your location, it is ideal that the Starlab remain set up for the duration of the programs**

