

# Sky Dome Planetarium

Take your students on a 45 minute journey through the universe from the comfort and security of your own school. Our portable, inflatable planetarium will come right to your location and dazzle your budding astronomers as they are taken on a tour of the solar system.

Students will enter the dome and be introduced to a "star filled" sky. Our navigator, with the use of a laser pointer, will guide students through the stars of the Northern Hemisphere exactly as they appear on the day of the presentation. Students will learn how to identify stars and constellations. They will be introduced to Greek mythological characters and see how these heroes of the past can be found in the stars. Students will witness the night sky in different seasons and from different global perspectives. They will also be treated to a slide presentation which enhances the presenter's tour of the Solar System.

Sky Dome Planetarium can be quickly and easily set up in most gymnasiums or other large rooms with a high ceiling. It

has delighted students in thousands of schools throughout the country and we are confident that you will be thrilled by the excitement and enchantment this program offers.

All presentations are tailored for each age group (K-9) and will provide appropriate academic content. Two domes are available for our west and southwest territory schools. The small dome can be used in a classroom size setting with up to 40 students at a time. The large dome can accommodate up to 90 students per visit. The dome is also handicapped-accessible.

Our new **Digitalis** digital projector boasts 120,000 bright stars as opposed to the 3,000 in the older unit. You will even be able to watch the sun set and moon come out. When our performer talks about Saturn, he can zoom in on the planet and the audience can see all the moons and rings up close.



*Don't confuse this small dome with the giant 36' diameter, 100 children per show dome!*



*It was so refreshing to have a convocation that was so educationally sound throughout the day.*

Pioneer Elementary School  
Royal Center, Indiana

For further information please call toll free:  
1 - 8 0 0 - 4 3 3 - 7 4 5 9

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PRODUCTIONS, INC.

26018 West Seven Mile Redford, MI 48240 • [www.mobileedproductions.com](http://www.mobileedproductions.com)

ASTRONOMY

# SKY DOME

## Assembly Information

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Age Group: Kindergarten through 9th grade

Length: 50 minutes. A maximum of 5 programs a day.

Size: Maximum of 70-90 students and teachers within the large dome.

Presentation Area: Planetarium requires a 15 foot ceiling with a 30 foot area. The dome cannot be set up outdoors. A single AC electrical outlet will also be needed.

Assistance: Custodial or adult assistance for set-up, take-down.

Set-up/Take-down Time: Set-up: 45 minutes. Take-down: 30 minutes.

- Content:
- A slide presentation of our solar system with expansion to deep space for older classes.
  - Explanation of our northern hemisphere, showing stars, constellations, planets, and celestial land marks.
  - Greek constellations displayed with stories of mythology presented for the appropriate grade/age level.

The planetarium is extremely large. It is roughly 15 feet high and 36 feet across. Please select a location large enough to accommodate the planetarium entirely. If your walls are constructed of 8" cinder blocks, then a height of 25 blocks will be required. In some cases if the ceiling is less than 15 feet, a 13 foot ceiling with a flat ceiling can be used.

Please schedule no more than five, 50 minute time blocks for programs for each day the planetarium will be at your school. This time includes 5-10 minutes to give initial directions and enter the planetarium, 35-40 minutes for the astronomy show, and 5 minutes to exit the dome. Please allow 10 minutes time between each session. This gives the performer time to prepare for the next group. Each session, therefore, is a total of 50 minutes with an additional 10 minutes passing time.  
(Total time required for each program: 1 hour).

If additional programs are required special arrangements must be made with your program consultant at Mobile Ed. You may wish to combine small classes as we can accommodate a total of 70-100 students at one time in the large dome. We do not recommend splitting class levels to any great degree, however.

If necessary, the dome may be taken down during lunch time. We'll need at least 15 minutes to clear the room before you set up for lunch and at least 30 minutes to set up after the room has been cleared and the floor swept. Many schools have their children eat in their rooms while the planetarium is in the school. Also, please leave at least 30 minutes free, at some point, for the performer to have lunch.

We hope that teachers will accompany their students into the planetarium, although we understand some may be unable. Each show must have at least one teacher in attendance to help supervise. To enter the dome, a short tunnel must be traveled. We ask the students to crawl, hands and knees through this tunnel, although we allow teachers to walk in a stooped position. (Female teachers and students may wish to wear slacks on the day of the presentation.) For handicapped people the dome can be lifted, and no tunnel is needed.

**Our curriculum based programs are designed to meet or exceed all testing and state requirements.**

**For further information please call toll free: 1-800-433-7459**

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