



The Fisk-Vanderbilt NASA Roadshow Planetarium



A FREE outreach service
Grade Levels: Preschool to 12th grade and beyond

We know that most every kid can get into astronomy and we can help! The Fisk-Vanderbilt NASA Roadshow is a mobile, inflatable planetarium that can bring the stars to you. Topics that can be addressed in the planetarium are:

- constellations and the mythology behind them
 - Greek, African, and Native American
- star chart/wheel usage
- the meaning of time periods (days, years)
- astrology
- coordinate systems
- star colors and other properties
- planetary positions
- the Sun-Earth-Moon system
- size and scale of the Solar System
- light pollution



More complete information found at: <https://my.vanderbilt.edu/planetarium/>

Considerations when preparing to ask for a show:

- The planetarium dome **MUST** be used indoors
- Dome Size: ~12-ft high, ~25-ft long, ~20-ft wide
(gyms, large atria, and large stages are the best locations)
- Dome Capacity: ~25-30 students (plus teachers)
(note: Tennessee State University has a larger ~60 student planetarium)
- participants sit on the floor
- we make accommodations for physically challenged individuals

Generally, our shows last for 35-55 minutes to accommodate 50-ish minute class periods (and student attention spans ;)) and we can give up to 7 shows per day.

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