

MPS Madison and Hamilton High Schools PLANETARIUMS GRADES 2-12

Come enjoy a multi-media adventure into space! Have a seat in the circular benches and watch “all of our stars” on the dome ceiling. Two locations: Hamilton High School, southside location - 6215 W. Warnimont Ave. (Tuesdays only) and Madison High School, northside location - 8135 W Florist Ave. (Thursdays only). Programs run approximately 75 minutes. Times are: 9:00AM, 10:30AM and 12:00PM. Lunch facilities are not available at either location.

Our Solar System and Beyond (Grades 2-5)

Students will be introduced to the planets of our solar system through a slide show. Our instructor will help students identify some of the constellations visible in the night sky, and introduce some of the folklore involving the constellations.

Exploring the Universe (Grades 6-8)

Topics will include: origin of our solar system, satellites of the planets in our solar system, types of stars, star magnitudes and phenomena outside of our solar system.



Are We Alone in the Universe? (Grades 2-8)

How life began, and whether it exists elsewhere remains one of the most fascinating questions in all of science. In the vastness of space far beyond our own solar system we can rule out nothing. Astronomers have discovered, just within the past few years, that many stars have their own planets and that there are millions of other solar systems. Could some of these planets, orbiting other stars, harbor life-forms? Could there be any planets resembling Earth? As pointed out by Sir Martin Rees, Astronomer Royal, ‘absence of evidence wouldn’t be evidence of absence.’

Cosmic Catastrophes (Grades 4-8)

The dinosaurs went extinct; will people? Probably not, but in a billion years things will really heat up, literally. What will happen to the planet Earth, sun and our solar system? Will our star explode? Did you know that an exploding star can give birth to new stars and planetary systems? Recent discoveries have given us new insight as to how we believe the earth, objects in space and even space itself will come to an end. We’ll discuss black holes, supernovas and galaxies smashing into each other.

Planetariums for High School & Science Clubs

This program can offer an in depth discussion of Astronomical topics ranging from planetary formation, retrograde motion, stellar evolution, the possibility of life in the universe as well as the origins of and likely fate of the universe itself. Students are encouraged to ask questions as we discuss both historical and current advances in our attempt to understand the universe we all inhabit.

Reasons of the Seasons (Grades 2-8)

Did you know that the Earth is about two million miles closer to the Sun in winter? At least during our winter. The motion, and position of the Earth in space is responsible for why we experience warmth in summer and cold in winter; the way we measure time, and how we find our way around on this planet. We will discuss why these things happen and show why the stars at night are different at different times of the year. Come, join us at the planetarium so that we can help you show your students the reasons for the seasons.



Stories in the Sky (Grades 2-8)

In the days before television and video games, before city lights obscured most of the stars, elders would tell stories of the constellations to their young. These stories not only entertained but taught them valuable lessons such as how to tell time, when a new season was approaching, and even how to find their way home at night. This practice has waned in a world with clocks, calendars, and GPS systems. Join us as we explore this time honored tradition of passing down lore filled with romance, monsters, morality and how to find your place in the world.

**Bus Contractor for
MPS Schools only:
First Student (414-353-1027)**

Bid #B5735 Cost of Bus: \$97.18

