

Educator Guide

Fall 2017

August - January



Looking for ways to make learning come to life? Let us help you! The Milwaukee Public Museum is the most exciting field trip destination in the region, an educational experience that will last far beyond the visit with your students. We have many free resources that can supplement your field trip experience before, during, and after your visit to foster a deeper engagement with your students and your curriculum.



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Welcome

Dear Educator,

I hope that this Educator Guide finds you well. All of us here at the Milwaukee Public Museum are excited to share with you the wonderful opportunities we have for your students during the 2017-2018 school year. We are thrilled to welcome two new temporary exhibits this year. In the Fall, our *Weapons: Beyond the Blade* exhibit will explore the evolution of weapons throughout the world. In the Spring, *Maya: Hidden Worlds Revealed* reconstructs the ancient Mayan world, and examines the lost civilization through the lenses of archaeology, epigraphy, ethnology, and art history. Both exhibits allow students to gain a deeper understanding of our world in terms of both science and culture.

Our Education Department has been working hard to ensure that our programs provide high quality, engaging experiences for your students this upcoming school year—including our NEW “MPM on the Move” Outreach Program. This program brings the Museum to your classroom, and gives your students an opportunity to work with one of our talented Educators. More information can be found on page 9.

It is our hope that this guide serves as a tool to assist you in creating meaningful and memorable experiences for your students. We look forward to welcoming you and your school to the Museum!



Meghan Schopp

Meghan Schopp
Director of Education & Public Programs

CONTACT INFORMATION

By Phone: Call 414-278-2714 or 888-700-9069

Field Trip Call Center Hours:

9 a.m. to 4:15 p.m. Monday – Friday,
9 a.m. to 3 p.m. Saturday, and 10 a.m. to 3 p.m. Sunday

PRICING

Every school group visiting the Milwaukee Public Museum has the opportunity to experience a Planetarium Program.

STUDENT
(Grades Pre-K-12)
\$9

CHAPERONE
(Required ratio)
FREE

CHAPERONE
(Over required ratio)
\$11

- Add-ons available at additional cost.
- Schools who have 60% or greater Free/Reduced Lunch qualify for \$2 per person discount.
- Milwaukee County school groups receive free general admission on any weekday in September, October, and November (excluding September 7, 2017; October 5, 2017; and November 2, 2017).
- All other coupons, vouchers, free Museum days, and Museum memberships or promotions do not apply to school group admission rates.

PLANETARIUM PROGRAM

Planetarium Program Series

Wisconsin Stargazing Now showing daily.

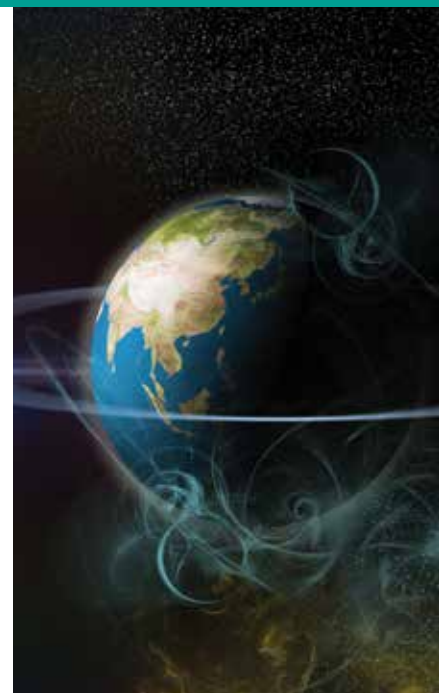
All ages

Take a live tour of the current Wisconsin night sky in this 22-minute guided Planetarium program. A lively astronomy educator will show you all of the current sights on a clear Dome Theater “sky,” such as planets, constellations, meteors, and other fun celestial phenomena. The program includes a cosmic Q&A session and requests from the audience.

Sky Wars: Battles of Discovery Starting October 2017

Grades 5+

Explore epic battles of change in the sky above us! Follow the struggles as new discoveries alter our view of Earth and its place in the universe. Witness the connections and conflicts between astronomy and astrology. See how the Earth went from a flat place to a round world -- from a static, motionless home to a spinning, orbiting planet! Finally, voyage into the galaxy to glimpse how future discoveries might start new battles about the sky above.



INCOMING SPECIAL EXHIBIT

Weapons: Beyond the Blade

Opening October 2017

Cost: Additional fee for admission to *Weapons: Beyond the Blade*

Explore the history of personal weapons at this exciting new temporary exhibition. At *Weapon: Beyond the Blade*, visitors will uncover how humans have used weapons for survival, as expressions of identity, and even as works of art. Using over 150 artifacts from the MPM's collections, life-size figures, and interactive programming, visitors will discover that weapons have a rich history that extends far beyond violence and brutality.

Call MPM today to
book your Field Trip!
414-278-2714



Maya: Hidden Worlds Revealed

Opening Winter 2018

Cost: Additional fee for admission to *Maya: Hidden Worlds Revealed*

For the first time, archaeologists are sharing the secrets about this fascinating society in a singular and unforgettable museum experience! *Maya: Hidden Worlds Revealed* uses a combination of authentic artifacts along with multimedia and interactive, hands-on activities to reveal our deep ties to this astonishing civilization.



THEATER OFFERINGS

Dome Theater Shows

3D Films

<i>Pandas: The Journey Home 3D</i>	Grades 1+
<i>Secret Oceans 3D</i>	Grades 1+
<i>Walking with Dinosaurs 3D</i>	Grades 1+
<i>Flying Monsters 3D</i>	Grades 3+
<i>Robots 3D</i>	Grades 3+
<i>Sea Monsters 3D</i>	Grades 3+
<i>Mysteries of the Unseen World 3D</i>	Grades 4+
<i>Deep Sea Challenge 3D</i>	Grades 5+
<i>Extreme Weather 3D</i>	Grades 5+
<i>Jerusalem 3D</i>	Grades 5+

Giant Screen Film

<i>National Parks Adventure</i>	Grades 1+
<i>Great White Shark</i>	Grades 3+
<i>Dream Big</i>	Grades 5+

Planetarium Show

Planetarium Program Titles

<i>One World, One Sky: Big Bird's Adventure</i>	Pre-K
<i>Earth, Moon & Sun</i>	Grades 1-4
<i>Defying Gravity! It is Rocket Science</i>	Grades 3+
<i>Did An Asteroid Really Kill the Dinosaurs?</i>	Grades 3+
<i>Cosmic Colors</i>	Grades 4+
<i>The Cosmic Recipe: Setting the Periodic Table</i>	Grades 4+
<i>A Teenager's Guide to the Galaxy</i>	Grades 4+
<i>The First Stargazers</i>	Grades 5+
<i>Space Aliens: Looking for Life in the Universe</i>	Grades 6+

DANIEL M. SOREF



DOME THEATER
AND PLANETARIUM



EDUCATION INVESTIGATIONS

Education Investigations are led by Museum Educators, and content is developed based on DPI curriculum standards. Each Education Investigation links classroom lessons to the Museum collections, allowing students an opportunity to learn in our unique environment.

Call MPM today to
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414-278-2714

Cost: \$4 per student

Length: 50 minutes

Times: 10 or 11:30 a.m., Monday – Thursday

Requirements:

- Minimum of 1 adult chaperone (18+ years) for every 10 students
- Minimum of 10 students per program; maximum 30
- Groups that exceed 30 students require multiple reservations
- Group size per program may not exceed 33 guests

Grades 1-3

Dinosaurs

Handle real dinosaur fossils and a paleontologist's tools in an exploration of these fascinating animals of Earth's distant past.

Signs and Symbols in Streets

Explore the life of early Milwaukeeans through a close look at the signs, symbols, and artifacts in the *Streets of Old Milwaukee* gallery.

Stories of the Skies

Take a walking tour of our unique corner of the universe, building a model of the solar system, and sharing star stories from ancient cultures around the world.

Grades 1-8

Mummies

Follow the step-by-step process of ancient Egyptian mummification using a life-size model, followed by an up-close and personal look at one of the Museum's real mummies.

Grades 4-12

Archaeology and Ancient Civilizations

Archaeological methods provide the focus as students examine artifacts from the Museum's vast collection to better understand what they reveal about past cultures.



EXHIBIT TOURS

Exhibit Tours are led by highly-trained Museum Docents. The objective of these tours is to complement lessons being learned in the classroom, and provide students an opportunity to gain an overview of all the wonderful content in our exhibits.

Cost: \$4 per student

Length: 50 minutes

Times: 10:30 or 11:30 a.m., Monday – Friday

Requirements:

- Minimum of 1 adult chaperone (18+ years) for every 10 students
- Minimum of 10 students per program; maximum 30
- Groups that exceed 30 students require multiple reservations
- Group size per program may not exceed 33 guests

Grades 1-3

Animals of Wisconsin

Students get a chance to learn more about native animals to Wisconsin.

Butterfly Science

Explore the unique life cycle of butterflies, and how they adapt to live in various environments.

Life in Africa

Focus on how the environment and natural resources affected the way the tribes and animals lived.

Life in the Arctic

Be introduced to the arctic environment, the lifestyle of Eskimos, and the characteristics of arctic animals.

Life in the Rainforest

Look at how weather impacts life in the rainforest and share fun facts about the different animals and plants that exist in the rainforest.

NATIVE AMERICAN TOURS

Tribes of Wisconsin

Explore the history and lifestyles of Native Americans in Wisconsin.

Compare and Contrast

Explore the similarities and differences among Native American tribes in various climates.

Grades 4-6

The Animals & Environment of Africa

Focus on how the environment and resources affected the way the tribes and animals lived.

The Animals & Environment of the Arctic

Focus on how Arctic Indians adapted to and survived within their extreme environment.

The Animals & Environment of the Rain Forest

Focus on the biodiversity of the rainforest through an examination of the plants and animals it supports.

Crossroads of Civilization

Docents available to provide exhibit highlights.

Life in the European Village

Explore themes related to immigration, creation of society/community, and different ethnic cultures.

Life in the Third Planet

Focus on how scientists use geologic evidence to create models of change on planet Earth and its impact on the composition and diversity of plants and animals.

Pre-Columbian Civilizations

Look at how archaeologists use artifacts to develop information about pre-Columbian people's everyday life and occupations.

Streets of Old Milwaukee Past & Present

Look at how life in Milwaukee has changed over the years.

NATIVE AMERICAN TOURS

Tribes of Wisconsin

Explore the history and lifestyles of Native Americans in Wisconsin.

Compare and Contrast

Explore the similarities and differences among Native American tribes in various climates.

EXHIBIT TOURS continued

Grades 7-9

Latin American Past and Present

Explore daily living and spiritual practices, and how each is impacted by environment and geography.

Milwaukee and the World

Learn about the many global influences on Milwaukee, and the local people and products that had a world-wide impact.

The Rainforest and You

Explore how the plants and animals of the rainforest impact your daily life, and how you can influence their survival.

Call MPM today to
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414-278-2714

EARLY LEARNING

Pre K-K5

Each 50-minute program begins in our early learning classroom with a group discussion on the chosen topic, followed by an opportunity to handle real specimens and objects. Next, we visit our exhibits for a sensory-rich experience designed to promote awe – and lots of questions – before returning to the classroom to participate in learning stations. The “learning station” format mirrors that in a typical classroom and includes literacy, math, science, and small and large motor skills activities. Full descriptions of each program can be found on our [website](#).

Cost: \$4 per student

Grades: Pre K – K5

Length: 50 minutes

Times: 10:30 or 11:30 a.m., Tuesday - Thursday

Requirements:

- Minimum of 1 adult chaperone (18+ years) for every 5 students
- Minimum of 10 students per program; maximum 25
- Groups that exceed 25 students require multiple reservations
- Group size per program may not exceed 30 guests

Program Titles:

September - October

- Walking with the Dinosaurs
- Investigating Insects

November - January

- Walking with the Dinosaurs
- Polar Adventure

Available at request

- African Safari
- Butterfly Stages
- Rainforest Exploration

MPM ON THE MOVE

The Milwaukee Public Museum is excited to bring our unique programming into the classroom! The “MPM on the Move” Outreach Program has something for everyone, and can be adapted for different age groups. All of our programs include hands-on learning opportunities led by our experienced and talented Educators!

Program length: 50 minutes

Classroom Size: Up to 30 students

Grade Level: Adaptable for all grade levels

Program Cost: \$150 for first program, \$75 for additional program on the same day

How to Book a Program: Start by completing this [online form](#).

A staff member will follow-up with you within 2 business days.

Questions? Email outreach@mpm.edu



Program Options

Get Wild in Wisconsin

Investigate Wisconsin’s wildlife! Explore the rich variety of plants, animals, and even tiny microbes that populate our state. Students will have a chance to pot native wildflowers to make their gardens more welcoming to pollinators.

Wisconsin Rocks!

Discover how Wisconsin’s landscape has evolved through time, and what geology can tell us about our state’s past. Students will get a chance to examine real fossils and use them to determine how Wisconsin’s geography has changed over millions of years.

The Beautiful World of Butterflies

Butterflies may be beautiful to look at, but that’s not the only reason they’re important! Students will have an opportunity to observe real butterfly specimens under a microscope while exploring how special their wings really are.

Dinosaur Hunt

Join us on a trip back in time to the Mesozoic Era, where we’ll learn all about dinosaurs and the scientists who study them! Students will have an opportunity to handle real dinosaur fossils and explore what’s inside a paleontologist’s toolkit.

Mummies Mania

Explore the mysteries of mummies as we learn how and why Ancient Egyptians mummified their dead. Students will get a chance to help in the mummification process of a life-size model.

Digging up Discoveries

Enter the mind of an archaeologist! Learn what clues scientists use when analyzing artifacts, and what found objects can tell us about a culture. Students will examine real artifacts from MPM’s education collection, and come up with their own hypotheses about who used them and why.

All Things Space

For thousands of years, people have gazed up at the stars in an attempt to understand our place in the universe. Students will get a chance to model the movement of celestial bodies and build their own scale model of the solar system.

EDUCATOR BENEFITS

FREE Educator Visit

Visit the Museum before you bring your class to prepare yourself for a memorable field trip with your students. Learn more [online](#).

Hall Pass Program

Our [Hall Pass program](#) is exclusive to those schools whose teachers bring their class to the Milwaukee Public Museum. This free program comes with our commitment to help you achieve your curriculum and professional objectives while also providing personal benefits.

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PROFESSIONAL RESOURCES

Fossil Fuel Fund

The costs associated with a field trip can add up quickly. MPM's Fossil Fuel Fund may be able to help alleviate some of these costs. The process is easy: simply book your field trip, and then apply for a Fossil Fuel Fund award. Schools must have at least 60% of student population qualifying for reduced and/or free lunches, per published state data. Other restrictions and requirements apply; please visit our [website](#) for more information.

Social Media

Looking to get a more detailed look at MPM, our collections, and our staff? Impress your students and colleagues with some behind-the-scenes knowledge. Follow us on [Facebook](#), [Twitter](#), and [Instagram](#).



ONLINE RESOURCES

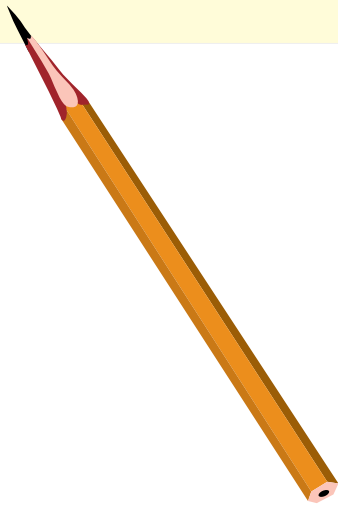
Exhibit Explorer Guides

[Exhibit Explorer guides](#) provide you with a series of five to six key stopping points within a gallery that help promote discussion and provide new ways to consider many of the Museum's iconic treasures. Even if you've been coming to MPM for years, these guides will help you find something new in each gallery that you've never seen before.

PLANNING YOUR VISIT

Chaperone Requirements

- Grades pre K-K5:
1 adult per 5 students
- Grades 1-12:
1 adult per 10 students
- Required ratio of chaperones are FREE
- Additional charge for chaperones over required ratio



Preplanning Your Visit

- Choose three potential field trip visit dates.
- Calculate the total number of students and required chaperones visiting.
- Book your field trip by calling (414) 278-2714. *Please note: reservations must be made, confirmed, and paid at least two weeks prior to visit.

Before Your Visit

- Prepare yourself by visiting the Museum prior to your field trip with a [FREE educator visit](#) by showing your current Educator ID or paycheck stub at the admissions window.
 - Browse and print MPM's [Exhibit Explorer Guides](#) for your chaperones.
 - Review chaperone guidelines and behavior contract with all adults and students visiting with your classroom. Behavior contract must be signed by lead teacher and submitted during check-in.
 - All payments are due two weeks prior to arrival. We do not accept Purchase Orders. Reservations not paid by the due date are subject to cancellation.
 - School groups may modify their numbers before payment is due (2 weeks prior) or received, subject to availability. Reservations are non-refundable once payment is received. No individual refunds will be given.
- *Field trips can only be rescheduled in cases where school has been canceled.

During Your Visit

- The entire Museum, including the Dome Theater and special exhibit space, is wheelchair accessible. Wheelchairs and strollers are available for rental.
- Use of name tags or matching t-shirts to identify your group is highly recommended.
- Be sure each chaperone has a MPM school group map. Review important meeting times and locations.
- Lunch times are 20 minutes long and prescheduled on the half hour in our student lunch room. Lunch carts will be available upon arrival to drop off lunches.
- Provide bus drop-off, parking, and pick-up information to bus driver.

After Your Visit

- Encourage students to reflect on what they learned during their visit.
- Preplan your next [MPM field trip](#).



Top 5 Reasons to Visit MPM

1 Students are encouraged to DISCOVER a world of ideas, history, science and culture.

2 IMMERSIVE and interactive exhibits create a multi-sensory experience.

3 School-based learning is ENHANCED by the Museum's exhibits for various subject areas.

4 Students' EXPERIENCE is distinctive and cannot be replicated in the classroom.

5 Learning at the Milwaukee Public Museum is FUN!

Looking to get a more detailed look at MPM, our collections, and our staff? Impress your students and colleagues with some “behind-the-scenes” knowledge.

Follow and like us on social media.

