

CENTRAL FLOORS ARTS



2020/21 SEASON
EDUCATION
GROUP GUIDE



DEAR EDUCATORS & GROUP LEADERS,

Midland Center for the Arts is pleased to offer engaging hands-on workshops, presentations and interactive exhibits that bring science, history and the arts to life! All programs are aligned with Grade Level Content Expectations for grades preschool through 12. We understand that this is a time of great uncertainty and the need to adapt is more important now than ever before. We are pleased to offer many of our group programs as virtual experiences this school year, offering more flexibility for you and your students.

We understand that many schools will be facing financial strain this year and in order to better support you and your students, **we're excited to announce** that the cost of virtual programs will be partially underwritten thanks to **the generous support of Soaring Eagle Waterpark** through the Art from the Heart **Scholarship Fund**, making these programs more affordable for all to enjoy.

We hope to serve you and your students with resources and programming that can spark new interests and inspire a passion for lifelong learning.



Sincerely,

Jennifer Kanyo
Director of Education

NEW AT THE MUSEUM!

Virtual field trips of the Alden B. Dow Museum featuring travelling art and on stage shows and hands-on workshops are also available. **V**

VIRTUAL EXPERIENCES ARE MARKED WITH A **V**

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TEACHER PROFESSIONAL DEVELOPMENT & RESOURCES

GLCE GUIDE & EDUCATIONAL RESOURCES AVAILABLE ONLINE!

We are dedicated to connecting your field trip or outreach experience to your classroom curriculum! Visit our educational resources links at midlandcenter.org for a list of all Grade Level Content Expectations met by our exhibits, field trips, outreach programs and performing arts experiences. Scavenger hunts, pre- and post- activities and educational guides are also available for select experiences.

TEACHER OPEN HOUSES & EVENTS

Subscribe to our teacher mailing list by emailing us at schools@midlandcenter.org to receive updated information about teacher open houses, events and special offers. Midland Center for the Arts is pleased to offer teachers exploration of new travelling exhibits and sneak peeks into educational programs at no cost during Open House events. Please check our e-newsletters for upcoming dates.

TEACHER WORKSHOP OPPORTUNITIES

Explore the many ways to incorporate STEAM and social studies education into your classroom. Workshops are two hours in length, with supply kits available. Workshops may be held virtually or onsite. For more information about our current professional development workshops, contact us at schools@midlandcenter.org. Private workshops are available upon request.

PERFORMING ARTS EXPERIENCES

Please check
midlandcenter.org for
upcoming shows to
engage your students
this school year!

FIELD TRIPS & EXPERIENCES



MUSEUM SELF-GUIDED TOUR

Students will explore the intersection between art and science through minds-on experiences in the art galleries and exhibits. Please note that some exhibit spaces may not be available during your trip. For more information about exhibit availability during your visit, please contact us at schools@midlandcenter.org.

GUIDED TOUR OPTIONS & EXPERIENCES*

ART GALLERY GUIDED TOUR

Join us for engaging, discussion-based tours of our fine art galleries. Explore different artistic processes and techniques as you learn about the elements of art and principles of design. *Curator-led tours are available for high school and adult groups, subject to availability.*

ART & SCIENCE CONNECTIONS TOUR

Virtually explore our Hall of Ideas as your students discover the many intersections between art and science. Students will learn about the role chemistry plays in visual arts, how the science of sound impacts the world of music and how architects rely on simple geometry to create amazing structures. *(Virtual only)*

SCIENCE STUDIO WORKSHOPS

Science Studio hands-on workshops offer students the opportunity to explore standards-aligned science topics.

AMAZING MAGNETS: Students will explore the movement of objects and the basic properties of magnets during an engaging story time. After, students will create a unique magnetic work of art. *Grades PreK-K*

OPERATION EROSION: Students will learn about the engineering design process and the causes and effects of erosion as they work in teams to devise a way to prevent beach erosion. *Grades 1-5*

MIRACULOUS MATTER: Students will explore the properties of matter as they explore the relationships between energy and matter. Students will explore chemical and physical changes with hands-on experiments and engaging demonstrations. *Grades 5-8*

ART STUDIO WORKSHOPS

Art Studio hands-on workshops offer students the opportunity to explore standard-aligned visual arts topics.

THREE SIMPLE COLORS: Students will join us as we read *Mouse Paint* by Ellen Stoll Walsh. Following our story time, students will experiment with primary colors, simple shapes, and line as they create a unique work inspired by Piet Mondrian. *Grades PreK-1*

EXPRESS YOURSELF: Students will be introduced to the work of Paul Klee as they explore the relationship between colors, emotions, and more. Students will create their own self-portraits inspired by Klee. *Grades 2-5*

INTRODUCTION TO PRINTMAKING: Students will learn about the techniques of printmaking as they make simple prints. Students will draw influence from artworks of different cultures as they experiment with line and texture. *Grades 6-8*

*EACH ADDITIONAL EXPERIENCE IS 45 MINUTES IN LENGTH



Virtual experiences are partially underwritten by Art from the Heart.

SCIENCE ON STAGE

SCIENCE OF SOUND: Explore the science behind sound with interactive demonstrations. Investigate the role waves play in the creation of sound and experiment with loud vs. soft and high vs. low sounds. *Grades K-5*

MAGIC OF ELECTRICITY: Discover how electricity affects the world in all forms through electromagnets, static electricity, plasma and more. Demonstrations include the Van de Graaf generator, a hair-raising experience! *Grades 3-12*

FANTASTIC FORCES: What is a force? How do forces impact our world and the way it moves? We will explore the basics of forces as we demonstrated the power of magnets, gravity and more. We will break down Newton's Laws as we send objects flying and perform science 'tricks.' *Grades 2-8*



SPARK!LAB
Generously supported
by the Dow Corning
Foundation and
the Patricia & David
Kepler Foundation

Spark!Lab is a unique hands-on learning lab where visitors of all ages can explore what it means to be an inventor. Participants use their knowledge and provided materials to answer open-ended challenges. Creativity and collaboration abound in this safe space where if you fail it is just a first attempt in learning! (Limit 25 students per 30 minute session, recommended grades Preschool-12)



HISTORY AT HERITAGE PARK

A CHEMIST IN THE MAKING (HALF DAY)

Multi-media exhibits, audio and video displays and engaging hands-on activities provide a fascinating exploration of the early days of Midlands' largest business. Experiment with electrical currents, simple chemistry experiments and help to identify human, natural and capital resources that aided the founding of The Dow Chemical Company. *Grades 4+*

Beginning Spring 2021

BRADLEY HOME TOURS (INCLUDING HOME HOLIDAY TOURS)

The 1874 Bradley Home is a hands-on historic house museum offering a glimpse of the everyday life of an early Midland family. Learn about family dynamics, luxuries and challenges, traditions and how they compare to YOUR daily life. Also includes a tour of the adjacent Carriage House and its collection of horse-drawn carriages and sleighs. *Grades 2+*

Beginning Spring 2021

OUTREACH

PLANETARIUM

Introduce your students to the wonders of space science with a portable planetarium visit to your school! Can accommodate 25 students per group.

Available Spring 2021

STELLAR LUNAR: Students will journey through the night sky as they learn about the stars, constellations and phases of the moon. Discover the causes of moon phases as we model the earth, moon and sun systems. *Grades K-5*

WORLD IN MOTION: Students will discover the motion of our solar system as they look at the movements of the earth that give us day and night and the seasons. Students will explore the effects of gravity and more. *Grades 6-8*

THE SUN: Students will explore the age, energy sources, and structure of our closest star, the Sun. They will also discover the Sun's role in supporting life on Earth and more. *Grades 9-12*

HANDS-ON ART & SCIENCE WORKSHOPS

Workshops can accommodate up to 30 students and are 45 minutes in length.

SCIENCE

A WATER STORY: Students will learn to observe changing weather throughout the year as we read *The Snowflake: A Water Cycle Story* by Neil Waldman. Following story time, students will create water cycle bags. *Grades PreK-K*

OPERATION EROSION: Students will learn about the engineering design process and the causes and effects of erosion as they work in teams to devise a way to prevent beach erosion. *Grades 1-5*

FASCINATING FLIGHT: Students will explore the science of flight as you learn about Bernoulli's Principle and Newton's Laws! Students will build their own unique flying contraption and put it to the test. *Grades 6-8*

ART

CRAZY COLORS: Students will learn to observe changing weather throughout the year as we read *The Snowflake: A Water Cycle Story* by Neil Waldman. Following story time, students will create water cycle bags. *Grades PreK-K*

IN THREE DIMENSIONS: Students will learn about the basics of sculpture and form as they transform paper into unique three-dimensional sculptures. Students will take inspiration from contemporary artists working with paper. *Grades 1-5*

FROM AUTHOR TO ARTIST: Students will explore both literary and artistic aspects of creating their own mini graphic novel. Students will discover the basics of illustration and narrative writing as they enhance their comic using dialogue and character development. *Grades 5-8*

MIDLAND COUNTY HISTORICAL SOCIETY WORKSHOPS

MICHIGAN ON THE MOVE

Your students will learn how innovations in transportation, like the Erie Canal, shaped Michigan and how the revolution of the auto industry shaped the nation. Discover how changes in transportation led to the settlement of Michigan; how Michigan's ingenuity permanently altered American transportation; and how our local Dow history played a role too. *Grades 3-5*

For more information about our outreach options, contact us at schools@midlandcenter.org.

ASSEMBLY PRESENTATIONS

Our assembly-style presentations offer students an interactive science experience with dynamic demonstrations! Presentations last approximately 45 minutes.

SCIENCE OF SOUND: Explore the science behind sound with interactive demonstrations. Investigate the role waves play in the creation of sound and experiment with loud vs. soft and high vs. low sounds. *Grades K-5*

CHEF COOL: Students will investigate the physical properties of chemicals in solid, liquid and gaseous states, including the strange effects extreme cold (liquid nitrogen and dry ice) has on everyday objects. *Grades 5-8*

THIS PROGRAM IS POSSIBLE WITH SUPPORT



VIRTUAL EXPERIENCES
ARE MARKED 



BOOKING INFORMATION

MON - FRI 10 AM - 4 PM
989.631.5930 x1601
schools@midlandcenter.org

In order to ensure we can accommodate your group and the experiences you prefer, we recommend booking your field trip, outreach or virtual experience at least four weeks in advance.

You will receive a confirmation and schedule prior to your visit. You will also be notified of any group divisions.

Payment for your trip is expected prior to or upon arrival. A late fee of \$25 will be assessed and billed to the tour group if payment or a purchase order is not received.

We ask that you provide a final attendee count, especially for a reduction in the contracted number, two weeks in advance of your scheduled trip.

Buses should drop off students/ groups on the West St. Andrews Road entrance (side of the building). Please notify your bus driver ahead of time. Buses may park in the back of the large parking lot located in front of the Center.

Groups may be asked to divide into smaller groups for certain activities. You will be notified in advance if smaller groups are needed. We ask that you divide your groups before arriving to the center.

Lunch space is available. Since these spaces fill up quickly, groups must reserve their lunch space when they book their field trip. Lunch spaces must be booked at least two weeks in advance of your trip.

Educators are invited to visit the Center before their scheduled tour in order to prepare for their visit. Simply show your education identification at the front desk and notify them of your upcoming visit to receive your admission.



GROUP PRICING

AB DOW MUSEUM & PERFORMANCE FIELD TRIPS

Self-Guided Field Trip
\$5 per person

Guided Tours & Hands-On Experiences Costs
\$2 per person/selection + Self-Guided Field Trip

- / Art Gallery Guided Tour
- / Art and Science Connections Guided Tour
- / Science Studio Workshop
- / Art Studio Workshop
- / Science on Stage Show

All additional experiences are available as virtual experiences. Virtual experiences are \$50 per classroom. Supply kits for your classroom (up to 35 students) are available for drop off for an additional \$50 (includes shipping).

HERITAGE PARK FIELD TRIPS

Chemist in the Making
\$5 per person onsite

Bradley Home Tours
\$5 per person onsite

OUTREACH

Planetarium
\$175 for two groups, \$75 additional groups

Workshops
\$125 for 1 classroom, \$75 for each additional classroom

Assembly Presentations
\$125 / \$75 additional groups

Historical Society Workshop
\$100 / \$75 additional groups

Please note that additional travel fees apply for all outreach programs at a rate of \$0.60 per mile. Outreach workshops and assembly presentations are available as virtual experiences for \$75 per classroom. Supply kits may be purchased for an additional \$50.

- / Group leaders and bus drivers receive free admission!
- / Admission scholarships available to qualifying schools. Please contact us at education@midlandcenter.org for more information.
- / 48 hour notice is required for groups to qualify for a group rate. In order to qualify for a group rate to the museums or for a student matinee, you must have 10 or more people in your group.
- / Did you know groups receive a discount on our exciting performances? Contact us at groups@midlandcenter.org for more information.

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FOR THE
ARTS**

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