

2019 - 2020 Educator's Guide



Dear educators,

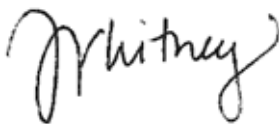
Union Terminal has been fully restored, and Cincinnati Museum Center has been busy reimagining your museum experience! I hope you've been able to visit our new permanent exhibits *Dinosaur Hall*, *Science Interactives Gallery*, *Cave*, *Public Landing*, *Cincinnati in Motion* and *the Neil Armstrong Space Exploration Gallery*. We've also added new STEM, DNA and paleontology labs and updated our classrooms. Plus, we're finding new ways to bring the world to Cincinnati with special exhibitions and films in our Robert D. Lindner Family OMNIMAX® Theater.

More experiences coming in 2019 and 2020! Don't miss:

- Two **fascinating special exhibitions**: *Destination Moon: The Apollo 11 Mission* (September 28, 2019 – February 17, 2020) and *Maya* (March 14 – September 7, 2020). In *Destination Moon*, see genuine artifacts flown on Apollo 11 – plus the *Columbia* command module – and learn how scientists and engineers pulled off the greatest scientific feat in human history. In *Maya*, discover how civilization flourished in the Mesoamerican jungle with over 300 original Maya artifacts, most coming to the United States for the first time. Both exhibitions connect directly to Ohio's 5th grade learning standards and create rich experiences for all students to connect to prior or future studies.
- Three **new films**. *CUBA: Journey to the Heart of the Caribbean*, open now, immerses viewers in the culture and ecology of the Caribbean's largest island. *Superpower Dogs*, opening this winter and narrated by Chris Evans, introduces audiences to some of the world's most remarkable canine companions. And *Ancient Caves*, open in 2020, dives to the depths of our planet's climate history through cave exploration.
- The new **Austin E. Knowlton Foundation Science Stage**, opening this fall. Located in the *Science Interactives Gallery*, watch physical, electrical, chemical and magnetic concepts come to life during spectacular staff-led demonstrations.
- Two **new galleries** opening in 2020 in the Cincinnati History Museum: *Shaping Our City* shares how rivers, rails and roads have shaped every aspect of our region; and *You Are Here* examines what it means to work, live and play in our city.
- The return of the **Ice Age** experience in 2020 in the Museum of Natural History & Science brings your favorite Ice Age creatures back to life with new research, interactives and scenic effects.
- The **expanded Neil Armstrong Space Exploration Gallery**, opening summer 2020, challenges guests to consider how we will explore Mars and beyond.

I hope to see you at our Educator Nights, where we'll explore these terrific new resources. We're always updating our Programs-on-Wheels, Learning Labs and on-site activities to provide one-of-a-kind learning experiences that align strongly with educational standards in Ohio, Kentucky and Indiana. Whether you attend our Learning Through Play conference, host ECSITE training sessions or participate in Ohio History Day, we offer unique experiences for every educator. Thank you for all you do to inspire future problem-solvers and leaders for our region. We're looking forward to working with you to make our community an engaging, fun and welcoming place for everybody to learn.

Kind regards,



Whitney Owens
Chief Learning Officer



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Planning guide

How to book an experience

Call (513) 287-7021 Monday through Friday from 9 a.m. to 5 p.m. or submit the online reservation request form at cincymuseum.org/educators. PTO members, curriculum coordinators and other support staff, please be prepared to share the contact information of the person who will be present on the day of the field trip.

Payment

Accepted forms of payment include credit card, check or PO. Payment is due no later than two weeks before your visit.

Cancellation

Cancellations are due no later than two business days before your visit. Cancellations within two business days are subject to pay 50% of the reservation. No-shows are subject to pay 100% of the reservation. Cancellations due to weather must call (513) 287-7021 as soon as possible prior to your visit to cancel without penalty.

Chaperones

The chaperone ratio for preschool through grade 5 is 1:5. Grade 6 and higher is 1:10. Chaperone ratio must be maintained at all times, including during Learning Labs and classroom activities.

Arrival and parking

You should arrive 15-30 minutes early for check-in with your completed paperwork, including number of students and chaperones in attendance. Vehicles should pull up to the front entrance door to unload and board students. School buses and marked passenger vans may park for free in our parking lot. Additional vehicles are \$6 each.

Lunches

All groups planning to eat must reserve a half-hour time slot at the lunch tables to keep programs on schedule. Tables are limited, so please make sure this information is included on your confirmation email. Pre-ordered box lunches are available for school groups. Payment must be made separate from Museum reservations. Email groupmenu@cincymuseum.org for details.

What do you want to do?

- ☐ Duke Energy Children's Museum
- ☐ Cincinnati History Museum
- ☐ Museum of Natural History & Science
- ☐ OMNIMAX® Theater
- ☐ Special Exhibition
- ☐ Learning Labs
- ☐ Programs-on-Wheels
- ☐ Art Labs
- ☐ Stage Shows
- ☐ Overnights
- ☐ Cincinnati Heritage Programs City Tour
- ☐ Cincinnati Heritage Programs Speakers Bureau
- ☐ Nancy & David Wolf Holocaust & Humanity Center



Tips for teachers

- Prepare your chaperones with trip information, such as the schedule of the day from your confirmation letter and a list of students in their group.
- Complete your check-in slip before you arrive.
- Ensure students are easily identifiable to your chaperones and our staff. If possible, have them wear the same color shirts.
- Assign students to a chaperone before they leave school. Make sure students know to look for a staff person if they get lost or separated from the group.
- Leave as much as you can in the bins provided at check-in to avoid lost coats, bags, etc.
- Make the most of your experience by providing guiding questions for students to further engage their learning.

Reservation Summary

School name _____

School address _____

Teacher name _____

Teacher email _____

Teacher day-of phone number _____

Form of payment _____

Date of visit _____

Backup date _____

Time of arrival _____

Time of departure _____

Number of students _____

Number of chaperones _____

Grade level _____

Require special accommodations _____

Learning Labs at Union Terminal

Bringing your group to the museums or special exhibition? Enhance your visit by investigating topics such as dinosaurs, world cultures, archaeology and economics in our interactive labs that inspire all ages to learn and participate.

Early Childhood Learning Labs Pre K–K

Tuesday through Friday on the hour and half-hour starting at 9:30 a.m.

45 minutes

Maximum 25 students per lab

Primary and Secondary Learning Labs Grades 1–8

Monday through Friday on the hour and half-hour starting at 9:00 a.m.

60 minutes

Maximum 30 students per lab

Pre- and post-activity guides are available for many of our programs at cincymuseum.org/educators/learning-labs.



Early Childhood Learning Labs

Let's All Celebrate Pre K–K

Children from all around the world love to celebrate. Travel the globe and explore a variety of child-centered ceremonies.

My Rainforest Adventure Pre K–K

Take an imaginary tour of a rainforest canopy to learn about the animals and plants that live there. Meet several animals that call the rainforest home.

This Little Dino Pre K–K

Discover a tale of exploration that is 65 million years in the making through replica dinosaur fossils, footprints and other evidence.

Will It Float? Pre K–K

Is water heavy or light? Does air have anything to do with buoyancy? Experiment with the basic principles of water as you test objects that either sink or float.



Primary and Secondary Science Learning Labs

Be a Rock Star 2–6

Transform into a geologist, follow the rock cycle and learn how rocks form and change. Discover the different properties of rocks and categorize them based on a set of criteria.

Be a Space Ace 5–8

Help scientists discover clues about the planets in our universe. Through problem-solving and hands-on experimentation, participate in activities that are out of this world!

Bee the Pollinator 1–3

Pollinators perform a variety of roles in an environment. Learn how pollination works and about the different animals that play a role in this process. Experience how plants attract pollinators and see flowers through the eyes of a bee.

Cave Dwellers 1–5

Discover the delicate ecosystem of a cave and investigate the animals that live there. Meet one of the cave dwellers that calls Cincinnati Museum Center home!

Dinosaur Discovery 1–5

Become a junior paleontologist and work with your team to discover fossils shipped from around the world. Investigate the properties and characteristics of the fossils to identify them.



Seismic Investigations 4–8

Discover the role convection plays in shaping our planet through earthquakes and volcanic eruptions. Experiment with different types of volcanoes and determine which are the most destructive. Find out if you can build a structure that can withstand a major earthquake and learn how the study of seismology helps us understand the world around us.

What's the (State of) Matter? 1–5

Learn about solids, liquids, gases and plasma through fun, bubbly, sticky and electrifying experiments. Mix different states of matter to create something that isn't quite a solid, liquid, gas or plasma and learn where it fits in the world of matter.



Primary and Secondary Social Studies Learning Labs



Children Around the World K–3

Compare your home and life to those of children around the world and participate in activities that highlight these unique cultures.

Coming to America 3–8

The 19th century brought people from all around the world to Cincinnati's doorsteps. Explore factors that might influence a person to leave their home and learn how these groups impacted our local community. Identify the push-and-pull factors that made the U.S. the land of opportunity and discover how these groups influenced Cincinnati's rich cultural history.

Mind Your Money 1–3

Review the value of money and master the concepts of earning, spending and saving by playing a board game that challenges you to use your allowance wisely. Your choices will better prepare you for future monetary decisions.

Native American Lifestyles 1–4

Gain a better understanding of southern Ohio's earliest inhabitants and discover the tools, natural resources and skills that allowed them to survive. Become an archaeologist and investigate artifacts to help identify past cultures.

On the Trail with Lewis and Clark 4–8

Take a trip with Lewis and Clark to explore President Jefferson's recent acquisition of the Louisiana Purchase. Find out how the purchase affected our country and discover the preparations and training necessary for the journey. Why were they going? What did they pack? What did they discover along the way? Answer these questions and more as we head on our adventure.

Uncovering Egypt 4–8

Discover the science that allows us to unlock the secrets of past civilizations. Participate in hands-on demonstrations of archaeological techniques, explore a mock excavation site from Egypt and learn to identify a culture based on the artifacts discovered.



Experiences at Union Terminal

Private overnights

Private overnights give you and your group an exclusive experience at the museum. All overnights include guided programming, evening snack, open exploration of one of the museums, breakfast and an OMNIMAX® film and theme.

Private overnights are available Fridays and Saturdays with limited weeknight availability. Having several alternate dates will help us host your group. Private overnights must be scheduled at least three weeks in advance of the event date. All overnights last from 7 p.m. to 10 a.m. Recommended for ages 6 to 12.

Fees for private overnights are a flat rate of \$1,500 for up to 35 people. If you have more than 35 people, fees are \$35 for each additional person (up to 150 total guests). A \$250 down payment is due at the time of scheduling and will go toward total payment. Final attendance numbers and payment are due two weeks before your overnight. There is an additional fee to add people to your reservation within 12 days of your event, subject to availability.

To learn more about overnight themes, visit cincymuseum.org/overnights. Interested in scheduling a Learning Lab before or after your overnight? See pages 4 to 6 for program descriptions. To add Learning Labs to your overnight please call our reservation department at (513) 287-7001.

Scouts

Scout programs let you pick the day and badge for your group. Programs are available for Girl Scouts (Daisies, Brownies, Juniors, Cadettes and Seniors), Cub Scouts (Wolf Cubs, Bear Cubs and WEBELOS) and Boy Scouts.

All programs include classroom demonstrations, activities and museum exploration time. We also welcome private groups, based on availability. Please make private reservations at least two weeks before the scheduled program. All scout programs require one adult chaperone for every 10 scouts. Visit cincymuseum.org/scouts-programs for details or call (513) 287-7001 to make reservations.

Art Labs Coming 2020

Art Labs are 60-minute classroom programs that provide creative, hands-on experiences in STEAM and Maker concepts. Available for pre-K to 1st grade classes and for grades 2 to 4. Programs are designed for a maximum of 25 individuals (students and adults). Find more information at cincymuseum.org/educators/art-labs.



Austin E. Knowlton Foundation Science Stage Shows Coming January 2020

Let us put on a show for your group! These stage-style productions will wow your students with amazing sights and sounds as we put science into action.

More information at

cincymuseum.org/educators/science-stage.



Museums at Union Terminal

Duke Energy Children's Museum

At the Duke Energy Children's Museum, we know play is critical to the development of social-emotional skills, cognitive growth and motor skills. Discover interactive fun for kids ages 10 and younger in our hands-on exhibit areas, including one designed for preschool-aged children and younger. With programming for children covering topics like art, culture, reading, science and more, there's fun for everyone! Duke Energy Children's Museum is reserved for general admission guests on Mondays. We welcome group visits Tuesday to Sunday.

Animal Spot

Study specimens from CMC's collections, learn about the needs of living creatures and discover how each organism is intricately connected to its environment. Complete a three-layer fish puzzle, observe and draw a sketch of a collection piece and explore how animals move, live and eat.

Energy Zone

Have a blast with ball-propelling stations that highlight cause and effect relationships, energy forces and simple and complex machines. Analyze which path a ball must take to reach its destination and determine which simple machines and energy forces can help get it there.

Inside the Grin

Step inside a giant mouth to learn more about proper oral health and polish up on your dental knowledge. Use giant floss and a toothbrush to practice proper flossing and brushing techniques. Encounter oral healthcare in a positive way that will ease children's fears and misconceptions about visiting the dentist and caring for their smiles.

Kids at Work

Put on your safety vest and step into a construction site to design and build different structures. Work cooperatively to move rocks, finish a house or build with a variety of materials. Put simple shapes together to produce more complex structures that make work easier.

KidSPACE

Science. Play. Art. Creativity. Exploration. *KidSPACE* offers a variety of learning opportunities that encourage STEAM education. Due to the size of this exhibit, *KidSPACE* is not available for groups. For a *KidSPACE*-inspired program, see Art Labs on page 7.

Kids' Town

Explore a grocery store, post office, diner, veterinarian's office and other places to imagine and pretend. Discover your interests and gain new perspectives by shopping for groceries, delivering mail, cooking meals and repairing a car.

Little Sprouts Farm

Learn about the natural world through activities that engage the senses, encourage physical development and stimulate thinking skills. For infants and toddlers up to 4 years old. *Little Sprouts Farm* is not available for groups.

Nature's Trading Post

Nature's Trading Post encourages exploration and stewardship of the natural world through respectful observation and responsible collection. Look, touch and ask questions about local and exotic display items that guests have brought in or are part of our museum collections. Due to limited space in this exhibit, "trading" is only available to general admission guests. Open 11 a.m. to 3 p.m. daily.

The Woods

Hike into the wilderness and explore our indoor tree house, caves and crawling tubes that challenge your physical abilities and spark your imagination! Climb a rock wall and discover hidden treasures buried deep within the Earth's layers.

Water Works

Observe flood plains and control a river's flow! Interact with hydraulic learning stations that demonstrate water as a force of nature and source of energy. Use the power of water to set machines in motion that encourage cooperation and problem solving.





Cincinnati History Museum

Cincinnati in Motion and Shaping Our City

Explore the city's urban development through working train models of downtown Cincinnati. See a snapshot of life featuring several methods of transportation and many landmarks still in existence. See a Model T "Depot Hack," a Cincinnati Car Company streetcar and a Crosley Super Sport car. Compare and contrast yesterday's transportation with what we use today.

Cincinnati in Motion expands in 2020, completing the largest S-scale model in the United States. A new gallery, *Shaping Our City*, will include interactive stations that show how Cincinnatians developed and utilized steamboats, canals, inclines, streetcars and automobiles. Learn how transportation has changed, from Native American birch bark canoes, through the rise of steam power, to the impact of internal combustion engines and modern transportation methods.

Public Landing

Take a trip down the Ohio River to a recreation of the Public Landing and experience Cincinnati as it appeared during the mid-19th century. Investigate storefronts representing the city's busy commercial and industrial center through interactive displays, while learning about those who immigrated, migrated and adapted to the city and helped make Cincinnati the Queen City of the West.

You are Here Opening in 2020

Cincinnati is a unique city with a diverse population and rich cultural traditions. See yourself as a historical contributor to the city and a builder of its future. Consider topics such as migration and immigration, community and recreation, creativity and innovations, racial equity and civil rights, then share your own perspectives with others.

Museum of Natural History & Science

The Cave

Investigate the world beneath us through 500 feet of darkened passageways inside our replica limestone cave. Experience a waterfall, underground streams and a formation chamber. Investigate science on our wheelchair-accessible upper trail to continue the adventure.

Dinosaur Hall

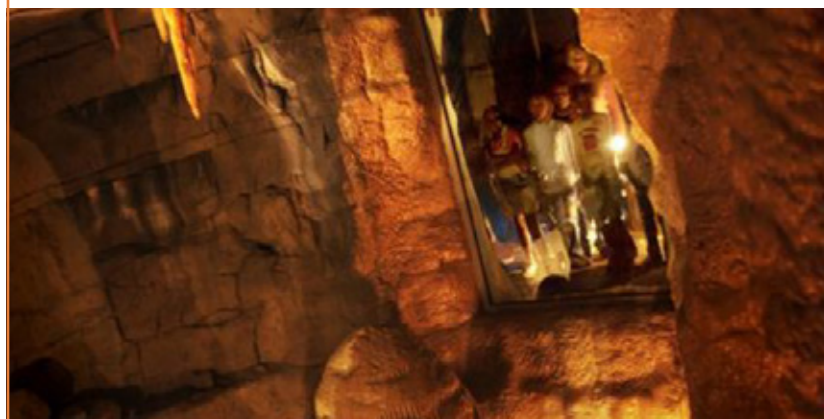
Meet the 60-foot-long *Galeamopus* and the fierce 35-foot-long *Torvosaurus*. Learn what we know about the Jurassic environment from the plants and animals that lived alongside the dinosaurs. Experience how dinosaurs adapted to thrive in their environments. Make your own discoveries with careful observation of those prehistoric animals and learn about scientists' tools.

Neil Armstrong Space Exploration Gallery, presented by the Harold C. Schott Foundation

Ohio is a space state, with a proud aviation heritage. See if you have the right stuff to follow in the small steps and giant leaps of Neil Armstrong. Take in a 360° theater experience and artifacts that can only be seen in Cincinnati — including a moon rock presented to CMC by Armstrong himself.

Science Interactives Gallery

This science playscape is powered by you. Whether you're an amateur scientist or just perpetually curious, watch clouds form and engage in a spirited game of tug-of-war. Take a seat and pull yourself four feet into the air using a system of pulleys. Watch a tornado form in a 13-foot vortex chamber, customize your own rocket cone and test its aerodynamics and see your body in a whole new way with our infrared camera.



Nancy & David Wolf Holocaust & Humanity Center



Museum Tours

The Holocaust & Humanity Center (HHC) is located at Cincinnati's historic Union Terminal, the site where numerous Holocaust survivors arrived in Cincinnati to rebuild their lives; the museum examines this watershed moment through its local connection. Using innovative storytelling, interactive experiences and genuine artifacts, guests witness the strength and courage of the human spirit set against the backdrop of one of the darkest chapters in human history. The museum incorporates media, artifacts, art and interactive exhibitions to share this history and its lessons. It also includes the Humanity Gallery where guests explore moments, meeting individuals who activated their character strengths to become upstanders and bring change to our community and world.

The museum was designed to be a self-guided experience recommended for grades 6 and up. Guided tours are available upon request for groups of 15 or more, lasting about 90 minutes. To book a tour, please contact CMC guest services at (513) 287-7021 Monday-Friday, 9 a.m. - 5 p.m. The museum can accommodate up to 90 guests. For tours over 90, please contact HHC staff at 513-487-3055

Educator Programs

The Nancy & David Wolf Holocaust & Humanity Center exists to ensure the lessons of the Holocaust inspire action today. HHC achieves this through a variety of resources, workshops, and programs to help educators increase and gain knowledge of Holocaust history, assisting in making connections to our world today. HHC provides teachers with best practices, pedagogy and teaching strategies in Holocaust and humanity education.

Roma & Sam Kaltman Holocaust Studies for Educators Summer Institute

Roma and Sam Kaltman met in the Lodz Ghetto over a love of reading and education. They survived the Holocaust, settled in Cincinnati and advocated for education. Named in their honor, Holocaust Studies for Educators (HSE) provides teachers with the knowledge and resources to effectively teach the Holocaust in their classrooms.

This innovative five-day workshop in June introduces teachers to pedagogy, teaching rationale, resources, witness testimony and dialogue with leading experts in the field of Holocaust and genocide studies. Educators earn up to 40 contact hours or apply for a two-hour graduate level credit through Xavier University.

For more information, please contact the HHC education department at (513) 487-3055.

The Coppel Speakers Bureau

Named in honor of Werner and Trudy Coppel. Werner was the first Holocaust survivor to tell his story in Cincinnati. The Coppel Speakers Bureau provides Holocaust survivors, descendants of survivors and other experts a forum to share their stories with schools, organizations and civic groups, providing a moving and memorable experience.

HHC recommends speakers for audiences over the age of 11. Presentations are typically 45 minutes and include a half hour presentation and 15 minutes of questions from the audience.

Please submit requests two weeks before the presentation via HHC's website:

www.holocaustandhumanity.org





Echoing Voices

Students unpack the story of a local eyewitness from a suitcase, creating a human connection with the past. Suitcases include video testimony, photos and artifacts, with suggested activities to assist educators in integrating Echoing Voices into their existing curriculum.

Please submit requests via HHC's website:

www.holocaustandhumanity.org



Customizable Experiences and Presentations

Let our trained experts and educators design interactive experiences and presentations based on the needs of your group. Topics include: The Holocaust, racism, hatred, bigotry, antisemitism, leadership, inspiring upstander behavior, character building, and empowerment.

To create an experience, contact the HHC education department at (513) 487-3055.

Advanced Workshops

Join us for HHC's advanced workshops throughout the year to gain a deeper knowledge about various aspects of the Holocaust. Learn from scholars, experts, qualified staff and witnesses who will help you integrate lessons, activities and resources into your existing curriculum. We offer contact hours for all workshops.

For more information, please contact the HHC education department at (513) 487-3055.

Traveling Exhibits

Host one of several original traveling exhibits related to the Holocaust. Exhibits are available to schools, museums, libraries, galleries, community centers and other organizations across the country. The exhibits are portable, economical and encourage multidisciplinary approaches to Holocaust education.

Please submit requests via HHC's website:

www.holocaustandhumanity.org

Youth Engagement

Jacob G. Schmidlapp Bystander to Upstander Youth Leadership Day

HHC invites students in grades 7 & 8 to participate in a daylong workshop to gain leadership skills and empower students to affect positive change. Students will participate in hands-on activities promoting problem-solving and teamwork, while encouraging dialogue with students from across the Tri-state. Teachers also participate in sessions specially designed to help them integrate what their students gained from the experience.

For more information, please visit HHC website:

www.holocaustandhumanity.org

The Robert D. Lindner Family OMNIMAX® Theater

The Robert D. Lindner Family OMNIMAX® Theater takes you to places you can only imagine. Immerse yourself in epic adventures in our five-story domed theater, from the untamed beauty of our natural parks, to the red surface of Mars, to the deep blue sea alongside humpback whales.



CUBA: Journey to the Heart of the Caribbean

Through the eyes of Cuban artists, historians and scientists, get an intimate look at the vivacious island nation, revealing the depth and richness of an often-misunderstood country. Immerse yourself in an island of lively culture, meticulously maintained colonial architecture and pristine ecosystems that provide a colorful window into Cuba's culture and heart.

Superpower Dogs

The extraordinary superpowers of humankind's best friend come to the OMNIMAX® Theater in an immersive adventure. Discover how a supercharged sense of smell and heightened sense of hearing can be powerful tools. Journey around the globe to meet remarkable dogs who save lives, and discover the powerful bond they share with their human partners.

Ancient Caves - March 2020

Join a paleoclimatologist and her team as they venture into caves to retrieve geologic "fingerprints" that reveal the climate history of our planet for the last 500,000 years. Extreme caving expeditions will take you to the U.S., France, the Bahamas and the Yucatan Peninsula of Mexico. Discover what secrets lay deep within the caverns and corridors of these ancient caves.

Apollo 11: First Steps Edition

Relive the historic Apollo 11 mission in real time. Crafted from never-before-seen 70mm footage and more than 11,000 hours of uncatalogued audio recordings, the film puts you at the center of the Moon landing. Feel the roar of the Saturn V rocket launch and immerse yourself in hectic Mission Control, the cramped *Columbia* command module and the vast solitude of the lunar surface.

Choose from our feature film or a suite of classic OMNIMAX® films that can be reserved for school groups as schedules permit.

Mummies: Secrets of the Pharaohs
National Parks Adventure
Rocky Mountain Express
Volcanoes: The Fires of Creation
Humpback Whales

Many of these classic films have teacher guides available for download. Find out more at cincymuseum.org/educators/resources.

Special exhibitions at Union Terminal

DESTINATION MOON **THE APOLLO 11 MISSION**

Destination Moon: The Apollo 11 Mission **September 28, 2019 – February 17, 2020**

Celebrate the 50th anniversary of the historic Apollo 11 mission and explore the birth and development of the American space program and space race. *Destination Moon* features the Apollo 11 command module *Columbia* – the only portion of the historic spacecraft to return to Earth after the successful mission. Through more than 20 original Apollo 11-flown objects, models and videos, guests learn about the historic journey of the Apollo 11 crew – Neil Armstrong, Buzz Aldrin and Michael Collins. Don't miss the final stop of this national tour.

Special exhibitions at Union Terminal



In the Audubon Tradition: Birds of a Feather September 13, 2019 – January 5, 2020

Explore a legacy of discovery 200 years in the making through the brushstrokes of legendary artists John James Audubon and John Ruthven. More than 240 pieces of contemporary art, plus 19th and 20th century nature artifacts show in vibrant detail that the next generation of wildlife artists and nature advocates are ready to carry on the tradition.

Exhibition included with museum admission.

Maya March 14 – September 7, 2020

At its height in 600 A.D., the Maya civilization was among the greatest in the world. Its understanding of science, astronomy and mathematics was equal to or greater than other world cultures at the time. Discover how a civilization flourished in cities of stone built deep in the jungles of Central America.

Making its U.S. debut at Cincinnati Museum Center, *Maya* presents over 300 original artifacts from the sophisticated Maya culture, many on display outside of Central America for the first time. Bring early civilizations to life while exploring the history, cultural developments and characteristics that made Maya unique while connecting students to Ohio Social Studies Learning Standards.



Holiday Junction featuring the Duke Energy Holiday Trains

November 8, 2019 -
January 5, 2020

Come experience a deep-rooted Cincinnati holiday tradition. Hundreds of trains zip around a winter wonderland in stunning detail on 1,000 feet of track. Each railcar, building, person and tree is meticulously detailed, allowing you to lose yourself inside the miniature metropolis buzzing with activity. Originally begun by Cincinnati Gas & Electric (now Duke Energy) in 1946, the Duke Energy Holiday Trains are still chugging along more than 70 years later. Surrounding the Duke Energy Holiday Trains are interactive elements to let your imagination run wild, plus other incredible train layouts from 1896, 1904 and the 1960s.

Exhibition included with museum admission.



Programs at your location



Programs-on-Wheels (POW)

Want to bring the excitement of Cincinnati Museum Center directly to your location? Our Programs-on-Wheels bring educational and entertaining lessons on a wide variety of topics to you!

Early Childhood

Programs-on-Wheels Pre K-K

Sunday through Saturday. 45 minutes.
Maximum 24 students per program.
Minimum age 3 years.

Primary and Secondary

Programs-on-Wheels 1-12

Sunday through Saturday. 60 minutes.
Maximum 30 students per program.

Exploration Stations (ES)

Love Programs-on-Wheels but looking for something less structured? Exploration Stations provide hands-on, stop-and-go, informal learning perfect for family nights, field days or fairs. Book one or more stations, available in a variety of science and social studies topics, for your next event. You provide the tables and we'll provide materials and activities for people of all ages to explore at their own pace.



Key

PreK-12

ES

POW

Grade level

Exploration Stations

Programs-on-Wheels

* Requires a large open space

Early Childhood Programs

3 ... 2 ... 1 ... Blast off! Pre K-K ES, POW *

Build the solar system in your classroom, then blast off with radio-controlled space shuttles to explore what's beyond our planet. View photos and learn about gravity, asteroids, orbits and more.

A Cultural Experience Pre K-K POW

Use music, toys, colorful clothing and role-playing to explore cultures from Peru, Japan and Mali.

Coral: A Colorful Community Pre K-3 ES, POW

Learn what coral is, where it lives, what it eats and how it protects itself. Explore real coral skeletons, role-play a coral polyp and view pictures of some of the creatures that live in a coral reef. Make a coral reef habitat come to life with beautiful puppets.

Dino Dig Pre K-K, ES, POW *

Growl, claw and walk like a dinosaur! Dig up fossils and identify which dinosaurs they came from. Learn about different kinds of dinosaurs, including what they looked like, what they ate and how they protected themselves.

"Egg"-cellent Eggs Pre K-K POW

Explore bird eggs and learn about their shapes, sizes, colors and nests through hands-on activities. Learn about the other animals that lay eggs and crack open an egg to find out what's inside.

From the Backyard to the Barnyard Pre K-K POW

Use puppets to investigate animals that might live in backyard or barnyard habitats. Meet one of our resident animals, investigate what this animal eats and discover how it finds food by echolocation.

How Does Your Garden Grow? Pre K-K POW

What does a plant look like up close? What does it need to grow? Learn about the parts of a plant, the plant life cycle and the difference between fruits and vegetables. Then spend some time digging in the dirt and plant your own seed to take home.

Our Five Senses Pre K-K POW

It takes a nose to know, or maybe hands, ears, eyes or a tongue! Explore the magic of your senses through fun, hands-on activities and interact with a live animal.

Snug as a Bug Pre K-K, ES, POW

Build a bug, see through the eyes of a fly and learn about the life cycle of a caterpillar. Explore how insects protect themselves by playing a game of hide-and-seek with a very hungry frog. Meet and touch live insects and marvel at incredible mounted bugs from around the world.



Stuffee, the Amazing Anatomy Doll Pre K-K POW

Meet Stuffee, a seven-foot-tall, blue-haired, smiling anatomy doll that opens up to show what's inside all of us. Feed Stuffee lunch and use stethoscopes to listen to your own beating heart.

Tall Tails Pre K-K POW

Wiggle, waggle and hop and prop as you learn about animal adaptations. Try on larger-than-life costumed tails, morph into different animals and hear a tall tale about two unique local animals.

Wild About Animals Pre K-K POW *

From Africa to Antarctica, become part of the wild animal kingdom. Take an imaginary safari across Africa and look through binoculars to see zebras, lions and more! Waddle like a penguin in the coldest place on Earth, then hop on over to a continent with some unusual Down Under residents. *Available as a toddler program. Call for details.

Wonders of Weather Pre K-K POW

Investigate seasonal weather patterns, complete the water cycle, make some snow and race clouds. Have a hair-raising experience with lightning and take home jewelry with sun-sensing abilities.

Primary and Secondary Science Programs

ABC: Arches, Bridges & Construction 5–8 ES, POW

Work in teams to build arches, a suspension bridge and a truss bridge you can actually crawl across. Learn what makes bridges work – anchors, beams and compression. Explore the concepts of live load, dead load and environmental stress.

Animal Identification: The Science of Skulls 4–8 ES, POW

Who's there? Use clues such as skull size and shape, type and number of teeth and eye placement to identify a variety of Ohio mammals using their skulls and a dichotomous key. The activities within this program provide a great introduction to the science of classification.

Awesome Animal Adaptations 1–8 ES, POW

Explore animal habitats and adaptations. Meet and touch live animals that may include a bat, snake, box turtle, tarantula, frog and/or hissing cockroaches. Learn about and handle unique items from our collections like baleen, pronghorn antelope fur and armadillo armor.

Bats 1–8 ES, POW

Walk like a bat! Fly like a bat! Meet a native bat and explore echolocation to understand how it works and hear what it sounds like. Learn about these truly amazing, yet misunderstood animals through a slide presentation, game, artifacts and more.

Best of Biology 7–12 POW

Apply the concepts of adaptation, taxonomy and genetics to the natural world. Gain hands-on practice interpreting and creating phylogenetic trees or cladograms. Then, investigate phenotypes and genotypes of an assortment of bird specimens from museum collections.

Chemistry in Your Hands 3–7 ES, POW

Heat it up and cool it down! See and feel the evidence of physical versus chemical change. Watch your experiments change color as you create acids and bases. Learn chemistry basics and practice lab safety. Beware — the results you take home may be slimy!

Coral: A Colorful Community Pre K–3 ES, POW

Learn what coral is, where it lives, what it eats and how it protects itself. Explore real coral skeletons, role-play a coral polyp and view pictures of some of the creatures that live in a coral reef. Make a coral reef habitat come to life with beautiful puppets.

Digging for Dinosaurs 1–4 ES, POW *

Uncover fossils on a mock paleontological dinosaur dig. Discuss Cincinnati's world-famous Ordovician fossils, learn how fossils are formed and unearth how to differentiate them from rocks. Touchable fossils from dinosaurs including *Allosaurus*, *Tyrannosaurus*, *Stegosaurus*, raptors and more make this program a junior paleontologist's dream!

Engineer It! 1–4 POW

Using a story, step-by-step instructions and colorful construction kits, solve problems by building working machines. Put STEM skills to use while having fun with various engineering concepts. If time permits, design and showcase a problem-solving invention of your own.

Evolution of Diversity: A History of Earth's Changes 3–8 ES, POW

Investigate how land masses have moved and shifted through time. Explore a timeline of major species evolution and extinction events. Learn about local ancient creatures, the habitat in which they lived and their adaptations. Program includes an Ordovician period diorama and fossil specimens from museum collections.

Experimenting with Physical Science 3–8 ES, POW

What shapes do bubbles take? Does sound vibrate? Explore bubbles, sound, electricity, magnets, motion, light, color, mirrors and optical illusions in this inquiry-based program. Create hypotheses, perform experiments, draw conclusions and share your discoveries.

Exploring Nano Science 4–8 ES, POW

From clothing to household products and computers, nanotechnology is all around us. But what is nano science? It's science on the scale of the nanometer – just one billionth of a meter! Even though we can't see these tiny structures, we will perform up to six experiments to explore the unique behavior of atoms and molecules on the nano scale. Strong reading skills are necessary for this program.





Fantastic Flora 1–3 POW

Animals aren't the only ones with amazing adaptations, plants are masters of survival as well! Tour the plant life cycle with posters and hands-on activities, focusing on the unique ways plants disperse their seeds, attract pollinators, manufacture food and thrive in difficult times. Topics covered include parts of a plant, photosynthesis, germination, pollination and more! Each student will leave with a planted seed of their own.

Forces of Nature 1–4 ES, POW

Investigate weather patterns and natural phenomena in a hands-on way. Model the power of earthquakes, tornadoes, volcanoes and lightning. Review the steps of the water cycle and understand the basics of seasonal weather.

Forensics: The Science of Crime 5–8 ES, POW

Analyze human skull replicas to determine the gender and ethnicity of a fictional victim. Combine clues from the skull with crime scene evidence to determine the identity of a missing person and speculate as to the cause of death. Program can be expanded to include human evolution. Call for details.

Geology Rocks 3–7 ES, POW

Transform into a geologist for the day! Learn all about rocks and minerals while viewing and handling impressive specimens from our collections. Examine and classify specimens to learn their true identity, then test your knowledge of everyday uses of minerals.

Incredible Insects 1–5 ES, POW

Get up close and personal with the creatures that make up Earth's largest group of animals! Learn the characteristics of insects, see the world through the eyes of a fly and learn amazing facts about insect defense, including camouflage and mimicry. See and touch live insects and mounted insect specimens from across the globe.

Reasons for the Seasons 1–5 ES, POW

Using globes, rotate and revolve your way to learning about the seasons and understanding why summer is warmer and winter is colder. Create the sounds of spring and explore seasonal camouflage with mounted animal specimens from our collections. Win a wintry prize if you can identify animal visitors from their scat and tracks left behind.

Superheroes of STEMville 5–8 ES, POW

Calling all engineering heroes of the future! The citizens of STEMville need your engineering and math skills to solve a crime, divert a city-wide disaster or save the community from an unknown environmental hazard. Should you accept, be prepared to quickly engage your STEM skills to successfully create, test and solve for the challenge to save the day.

Tour the Solar System 3–6 ES, POW

Soar through the solar system with recent slide images from Mercury, Neptune and beyond. Touch real meteorites and rocks like the ones found on our Moon. Visualize the distance between planets and observe the crushing effects of air pressure!

Your Heart, Your Blood, Your Health 2–6 POW

Learn how the heart is packaged, the way it works, the way it sounds, to which system it belongs and what it pumps. Get a closer look at capillaries, run a little race, test your food group knowledge and identify some giant microbes.



Key

PreK-12	Grade level	* Requires a large open space
ES	Exploration Stations	
POW	Programs-on-Wheels	

Primary and Secondary Social Studies Programs



Archaeology of Ohio's Native Peoples 3–8 POW

How do we know what we know about past cultures? Gain an introduction to the major cultural groups of Ohio's prehistory. Using a side-by-side vertical timeline, view these local cultures within the context of civilizations around the world. Handle museum artifacts and practice techniques such as stratigraphy and quadrant mapping that archaeologists use to gather information and make inferences about people of the past.

Business Beginnings 3–6 POW

Investigate soap and candle making, meatpacking, furniture making and brewing in 19th-century Cincinnati. Work in small groups to review period business records, illustrations and historical artifacts. Learn how productive resources were used in these industries and how they impacted production and consumption. Get to know economic terms such as opportunity cost, scarcity, profit and loss.

Impact of Inventions 2–6 ES, POW

Many inventors, like Benjamin Banneker, Garrett Morgan, Eli Whitney, George Washington Carver and Patricia Bath, have created items that change our daily lives. Use a timeline, experiments, hands-on activities and role-playing to investigate the impact of their inventions and others on the past, present and future of our world.

Lewis & Clark 3–8 ES, POW

Use maps, historical artifacts, parched corn and primary source material to study the wildlife, unknown lands and people Lewis and Clark and the Corps of Discovery encountered on their journey. Primary source material includes a Meriwether Lewis manuscript owned by Cincinnati Museum Center and replicas of the Jefferson Peace Medal.

Liberty on the Border, 3–8 ES, POW

Imagine life as a Civil War soldier and interact with hardtack, period ammunition and a haversack containing personal supplies and historical letters written during the war. Learn about Civil War causes, economic effects, important figures and territorial expansion through photographs, prints, maps, replicas and other period materials.

Lotions, Potions & Strange Notions 3–6 ES, POW

Learn the cause of cholera (present day and historical theories) then role-play the symptoms of this disease. Touch a "giant microbe" of *Vibrio cholerae* (Cholera) and investigate where the disease is found today. Explore old-fashioned home and herbal remedies then use mortars and pestles to roll herbal pills like those dispensed in 19th-century apothecaries.

One World, Many Cultures 1–4 POW

Take a trip around the world using maps and travel buddies to navigate your way. Explore cultures from Africa, Asia, Australia and South and North America through clothing, crafts, games, celebrations, music and photographs.

Transportation Transformations 3–6 ES, POW

Learn how canals, streetcars and inclines impacted the growth of Cincinnati from the 1820s through the 1950s. Learn a period folk song, load goods on a mock canal boat, experience one of Cincinnati's five inclines and view historical photographs of these forms of transportation.

Uncovering Egypt 4–8 ES, POW

Calling all Egyptologists! Explore archaeology, the science that unlocks the secrets of past civilizations. Excavate and analyze artifacts from a mock burial site to deduce their owner's identity and expand your knowledge of Egyptian culture. Immerse yourself in this world of hieroglyphs, pharaohs and gods and goddesses galore!

The Underground Railroad: Its History, People & Glory 3–8 ES, POW

Recreate elements of the Underground Railroad through pictures, shackles used on enslaved peoples, photographs, maps, navigational tools and true stories of historical figures. Discover the resourcefulness, courage and determination of freedom-seeking enslaved peoples and abolitionists.

Walking City 3–8 ES, POW

Explore how geographic factors kept Cincinnati confined to the downtown basin and learn why our city remained a walking city longer than most. Use a two-by-three-foot period map, map key, advertisements and illustrations to perform a series of tasks that help you understand what life was like in 1863 Cincinnati.

When Two Worlds Met 3–6 ES, POW

The North American fur trade connected people from two different worlds. Exchange furs, coins and wampum for replica goods from a late 18th century trading post. Learn about the Battle of Fallen Timbers by stepping into roles as the signers of the Treaty of Greenville.

Key

Pre-K-12
ES
POW

Grade level
Exploration Stations
Programs-on-Wheels

* Requires a large open space

Speakers Bureau for Schools

Let us bring history to you!

The docents of Cincinnati Heritage Programs can bring their hour-long presentations to your school or present to your class during a Union Terminal visit.

20th Century Cincinnati

During the first half of the 20th century, Cincinnati's system of government was revamped into one of the country's model systems of government with a plan for industry, commerce and transportation. During that time it responded to two world wars, the Great Depression and a changing world economy.

America's Story, from Depression to Superpower

Hear how the United States rose out of Depression-era despair to being the pivotal power for victory in World War II. This talk features Cincinnati's contributions to the war effort.

Black Citizens Who Made a Difference in 19th Century Cincinnati

Learn about black teachers, preachers, artists, scientists, inventors, and even a Medal of Honor recipient. Hear the histories of landmark black Cincinnati churches, schools, social organizations and Civil War sites.

Cincinnati and the Miami Erie Canal

Hear how and why the Miami Erie and Cincinnati man-made canals were constructed during the first half of the 19th century. Take a video cruise through a lock and see images of what life was like at five miles per hour.

Cincinnati During the Civil War

In 1862 a Confederate army marched toward Cincinnati, a major source of supplies and troops for the Union Army. Less than a year later, Cincinnati and southern Ohio were threatened again by General John Hunt Morgan and his raiders. The city was in a panic!

Cincinnati's German Heritage

Beginning in the 1830s, many Germans immigrated to Cincinnati looking for jobs in the industrial-rich city. So many Germans lived in the area north of the Miami Erie canal that the area became known as "Over the Rhine," with its own German language newspapers, family beer gardens, churches and banks. Hear how this culture left its imprint on today's Cincinnati.

The Cincinnati Story, 1788 to 1925

During the days of the Indian Wars and the Northwest Territory, Cincinnati was called the "Miami Slaughterhouse." By 1850, it was a commercial boomtown and the sixth largest city in the U.S. Hear about the amazing people and events that shaped Cincinnati's history from the 18th to the early 20th century.

Women of Cincinnati

Hear about the many women who worked to make Cincinnati a place known for its educational institutions and significance in all facets of the art world.



Details

- Designed for grades 8-12.
- Programs last 60 minutes.
- Available for classroom- or auditorium-size presentations at your location or Union Terminal.
- For programs at your location, docents will bring a projector and computer. Please provide a table for the projector and screen or white wall, and a sound system.
- Please request programs as far in advance as possible, with a minimum of two weeks required. Because this program is run by volunteers, availability varies.
- Please make payment by credit card, check or purchase order at least two weeks before the program.
- All programs require 20-30 minutes of set-up and tear down time.
- Two consecutive programs can be scheduled on the same day but should be scheduled with a minimum of 10 minutes, and maximum of 60 minutes, between programs.
- Failure to cancel your reservation prior to arrival is subject to a charge of 100% of the total reservation.

Reservations

Please call (513) 287-7021 Monday through Friday, 9 a.m. to 5 p.m. for more information or to request a program. Requests are tentative until you receive confirmation by email.



Around town



City Tours

C! Cincinnati! 3-12

Explore Fountain Square, Mt. Adams, Over-the-Rhine and both sides of the Ohio River with your students. Immerse your students in the growth and history of Cincinnati during this 2-hour bus tour. Presented by Cincinnati Heritage Programs.

Monday through Friday. Available between 9 a.m. and 1 p.m.

Ohio History Day

Ohio History Day is not just a day, it's an experience! This program engages students in grades 4 to 12 in self-guided learning activities with history through multiple outlets:

- Creating websites
- Creating exhibits
- Filming documentaries
- Creating performances
- Writing papers

Led by Ohio History Connection and coordinated regionally by Cincinnati Museum Center, Ohio History Day is an affiliate of the award-winning National History Day program. The theme for 2020 is **Breaking Barriers in History**.

Find additional details at ohiohistory.org/learn/education-and-outreach/ohio-history-day or email Hayley Andrews at handrews@cincymuseum.org.



Teacher education



ECSITE

Early Childhood Science Inquiry Teacher Education

Cincinnati Museum Center's ECSITE program helps early childhood educators create and implement inquiry-based science activities for their students. The program consists of workshops focused on "sciencing," a teaching approach which incorporates science experiences into other content areas such as literacy and math. Complete the program with greater understanding of different approaches to teaching science and how to help students become successful learners.

ECSITE is an Ohio Approved Professional Development Training and a Kentucky Approved Early Care and Education Training.

Comparing Approaches to Hands-On Science

Children approach learning about science in different ways, and educators can vary their approaches to meet the needs of every student. Experience three approaches to teaching science in your classroom.

Experiments

Help learners develop the process skills needed for science exploration and inquiry by encouraging them to use skills in science activities.

Process Skills

Children young and old use the same process skills when learning science. Experience them in this hands-on workshop to foster student's interest and success in science.

Raising Questions

Students discover science through questions grounded in their own curiosity. Discover ways to stimulate curiosity and elicit student questions that ultimately lead to investigations.

Contact Tony Lawson at tlawson@cincymuseum.org for more details.



Just for educators

Educator eNewsletter

Sign up at cincymuseum.org/educators to receive the latest information about upcoming special exhibitions, discounts, preview nights and much more.

Exhibit-Related Resources

Enhance your experience by using some of the activities developed specifically for school groups. Check out pre- and post-visit resources for Learning Labs, scavenger hunts and exhibit guides. Discover a variety of enhanced resources by visiting our website at cincymuseum.org/educators/resources.

Discounted Membership

Receive a \$20 discount on a Cincinnati Museum Center Membership by showing your school ID. Memberships are not valid on school visits. Find the Educator Membership form at cincymuseum.org/join

Preview and Prep

Have a field trip booked to Cincinnati Museum Center and want to walk through to prepare? Once you've scheduled a field trip, visit any of the three museums for free one time before your scheduled visit. Simply bring your confirmation letter and ID to verify you are the booking teacher.

Teacher Preview Nights

Preview our new special exhibitions or OMNIMAX® film to see if they're a good fit for your classroom. Talk with our staff of educators to get more information about related programming. Sign up for our Educator eNewsletter to receive updates.

Learning Through Play

Open-ended, hands-on play is crucial to the development of your students' literacy, life skills and kindergarten readiness. Meet the region's best childhood development experts and learn how to get the most from interactions with your little ones during these one-day conferences. One event will be held in fall 2019; one in spring 2020. Sessions offer Kentucky Approved Early Care and Education Training hours and are Ohio Approved Professional Development Trainings. For more information, visit cincymuseum.org/learning-through-play.

Standards: Science

Program Title (Grades Served)

	Page #	Ohio State Standards				Next Generation Standards			
		Pre K through grade 8		Grades 9 through 12		Pre K through 12			
		Earth & Space Science	Physical Science	Life Science	Biology	Physical Science	Life Science	Earth & Space Science	Engineering Design
Learning Labs at Union Terminal									
Be a Rock Star (2-6)	5	3, 4, 6				2, 5		2, 4	
Be a Space Ace (5-8)	5	5, 7						5, 6-8	5, 6-8
Bee the Pollinator (1-3)	5			1, 2, 3			K, 2, 3, 4		
Cave Dwellers (1-5)	5	3, 4		1, 2, 3, 4, 5			K, 2, 3, 4	2, 4	
Dinosaur Discovery (1-5)	5			1, 2, 3, 4, 5			3	2, 4	
My Rainforest Adventure (Pre K-K)	4			P, K			K, 2, 3, 4	K, 3	
Seismic Investigations (4-8)	5	4, 6, 8						4, 5, 6-8	4, 5, 6-8
This Little Dino (Pre K-K)	4			K			3	2, 4	
What's the (State of) Matter? (1-5)	5	1, 2	1, 3, 4			1, 2, 4, 5		2	
Will it Float? (Pre K-K)	4		P, K			2			K, 1, 2
Programs-on-Wheels/Exploration Stations - At your location									
3 ... 2 ... 1 ... Blast off! (Pre K)	15	P, K	K			K			
A Cultural Experience (Pre K-K)	15		K						
ABC: Arches, Bridges & Construction (5-8)	16								3-5, 6-8
Animal Identification: The Science of Skulls (4-8)	16			5			4, 6-8		
Awesome Animal Adaptations (1-8)	16			1, 2, 3, 4, 5, 6, 7			1, 2, 3, 4, 6-8		
Bats (1-8)	16			1, 2, 3, 4, 5			1, 2, 3, 4, 6-8		
Best of Biology (7-12)				8	9-12				
Chemistry in Your Hands (3-7)	16		3, 4, 6, 7			5, 6-8			
Coral: A Colorful Community (Pre K-3)	16	P	K	P, K, 1, 2, 3			K, 1, 2, 3	K	
Digging for Dinosaurs (1-4)	16			1, 2, 3, 4			1, 2, 3, 4	2	
Dino Dig (Pre K-K)	15		K	P, K			K	K	
"Egg"-cellent Eggs (Pre K-K)	15	P	K	P, K			K	K	
Engineer It! (1-4)	16		1, 2, 4			2, 3, 4			K-2, 3-5
Evolution of Diversity (3-8)	16	8		3, 4, 7, 8			3, 4, 6-8	4, 6-8	
Experimenting with Physical Science (3-6)	16		3, 4, 5, 6			3, 4, 5, 6-8			3-5
Exploring Nano Science (4-8)	16		6, 7			5, 6-8			
Fantastic Flora (1-3)	17	1		1, 2, 3			1, 2, 3		
Forces of Nature (1-4)	17	1, 2, 4	1, 2					2, 3, 4	
Forensics: The Science of Crime (5-8)	17			8			6-8		
From the Backyard to the Barnyard (Pre K-K)	15	P		P, K			K	K	
Geology Rocks (3-7)	17	3, 4, 6				5		4, 6-8	
How Does Your Garden Grow? (Pre K-K)	15	P	K	P, K			K	K	
Impact of Inventions (2-6)	18						5		K-2
Incredible Insects (1-5)	17			1, 2, 3, 4, 5			1, 2, 3, 4		
Our Five Senses (Pre K-K)	15		P, K	P, K			K		
Reasons for the Seasons (1-5)	17	1, 2, 5		1, 3			1, 2, 3, 4	1, 5	
Snug as a Bug (Pre K-K)	15	P	K	P, K			K	K	
Stuffee, the Amazing Anatomy Doll (Pre K-K)	15			P, K			K		
Superheroes of STEMville (5-8)	17								3-5, 6-8
Tall Tails (Pre K-K)	15	P		P, K			K	K	
Tour the Solar System (3-6)	17	5	3			5		5, 6-8	
Wild About Animals (Pre K-K)	15	P		P, K			K	K	
Wonders of Weather (Pre K-K)	15	P, K	P			K		K	
Your Heart, Your Blood, Your Health (2-6)	17			6			4, 6-8		

Standards: Social Studies

Program Title (Grades Served)

	Page #	Ohio State Standards				National Standards			
		Pre K through grade 8				Pre K through 12			
		History	Geography	Government	Economics	Economics	Geography	U.S. History	World History
Learning Labs at Union Terminal									
Children Around the World (K-3)	6	K, 2	K, 1, 2, 3				K-12		
Coming to America (3-8)	6	3, 4	3, 4, 5	3, 4	3, 4, 5		K-12	K-4	
Let's All Celebrate (Pre K-K)	4	P, K	P, K				K-12		
Mind Your Money (1-3)	6			1, 2	1, 2, 3	K-4			
Native American Lifestyles (1-4)	6	1, 2, 3, 4	1, 2, 3, 4	3	1, 2, 3		K-12	K-4	
On the Trail with Lewis and Clark (4-8)	6	5, 6, 7, 8	4, 5, 8		5, 8	K-4, 5-8	K-12	K-4, 5-12	
Uncovering Egypt (4-8)	6	6, 7	6, 7	6, 7	6				5-12
Programs-on-Wheels/Exploration Stations - At your location									
A Cultural Experience (Pre K-K)	15	P, K	P, K				K-12		
ABC: Arches, Bridges & Construction (5-8)	16						K-12		
Archaeology of Ohio's Native American Peoples (3-8)	18	3, 4, 5, 6, 7	3, 4, 5				K-12		
Business Beginnings (3-6)	18	3, 4	3, 4, 5, 6	3	3, 4, 5, 6	K-4, 5-8	K-12	K-4, 5-12	5-12
Evolution of Diversity (3-8)	16						K-12		
Impact of Inventions (2-6)	18	2, 3, 4	2, 3, 4, 5, 6	2, 3	2, 4, 5, 6	K-4 5-8	K-12	K-4	
Lewis and Clark (3-8)	18	3, 4, 5, 7, 8	3, 4, 5, 6, 8	5, 6, 8	7, 8		K-12	5-8	
Liberty on the Border (3-8)	18	3, 4, 8	3, 4, 5, 6, 8	3, 4, 5, 6, 8	7, 8	5-8	K-12	K-4, 5-8	
Lotions, Potions & Strange Notions (3-6)	18	3, 4	3, 4, 5, 6					K-4	
One World, Many Cultures (1-4)	18	1, 3, 4	1, 2, 3				K-12		
Transportation Transformations (3-6)	18	3, 4	3, 4, 5, 6		3, 5, 6	K-4	K-12	K-4, 5-8	
Uncovering Egypt (4-8)	18	6, 7	6, 7	6, 7	6				5-12
The Underground Railroad: It's History, People & Glory (3-8)	18	3, 4, 5, 7, 8	3, 4, 5, 6, 8	3, 4, 8	5, 6, 7		K-12	K-4	
Walking City (3-8)	18	3, 4, 8	3, 4, 5, 6, 7, 8					K-4	
When Two Worlds Met (3-6)	18	3, 4, 5	3, 4, 5, 6	5, 6	5, 6	K-4	K-12	K-4, 5-8	
Wild About Animals (Pre K-K)	15		K				K-12		

2019-20 education program pricing

	Program Type		Cost
Learning Labs LL	Early Childhood LL		\$100
	Early Childhood additional LL*		\$75
	Primary/Secondary LL		\$130
	Primary/Secondary additional LL*		\$115
Other educational opportunities	C! Cincinnati - per bus		\$70
	CHP Speakers Bureau		\$90
	Overnight at the Museum - for 35 people		\$1500
Admission School groups with a min. of 15 people	Discovery Ticket		\$8
	Discovery Ticket with OMNIMAX®		\$11.50
	OMNIMAX®		\$6
	Special exhibition		Varies
	9 a.m. Open in Children's, Science or History Museum		\$75/museum
	Nancy & David Wolf Holocaust & Humanity Center (HHC)		\$5
	Discovery Pass with HHC		\$11.50
Exploration Stations ES	Exploration Station - for 2 hours (minimum)		\$310
	Exploration Station - each additional hour of the same		\$155
Programs-on-Wheels POW	Early Childhood POW	Single June-Sept.	\$150
		Single Oct.-Jan.	\$165
		Single Feb.-May	\$190
		2 programs*	\$270
		3 programs*	\$375
		4 programs*	\$480
	Primary/Secondary POW	Single June-Sept.	\$165
		Single Oct.-Jan.	\$180
		Single Feb.-May	\$205
		2 programs*	\$300
		3 programs*	\$420
		4 programs*	\$540
Travel fees for POW, ES	0-35 miles		\$0
	36-55 miles		\$50
	56-75 (minimum of 2 programs)		\$65
	76-100 (minimum of 3 programs)		\$80
	101-125 (minimum of 4 programs)		\$90
	Beyond 125 miles (minimum of 4 programs)		Call for price
Additional presenter fee for POW, ES, LL			\$35
Teacher workshops (per person, per workshop)	Teacher workshop – ECSITE Teacher Workshop (per person, per program)**		\$15 to \$20

*same program, same day, same location

** group discount available

Educator's Guide 2019-2020



The Junior League of Cincinnati: Making a Difference for 100 Years

The women of the Junior League have been making a difference in Cincinnati for 100 years. They focus on the development and wellness of families and children in the Cincinnati region, working to fill a gap in social services and address issues that have been overlooked. CMC is helping the Junior League of Cincinnati celebrate its centennial by shining a spotlight on some of its most impactful projects with oral histories, graphics and videos.

- The Children's Theatre of Cincinnati: Developed in 1924 as the Junior League Players and incorporated in 1947 as The Children's Theatre.
- Fernside: Established in 1986 as the nation's second oldest children's grief center.
- MindPeace: Initiated in 2002 and launched in 2007 to answer a significant need for an improved system of mental healthcare for children.
- GrinUp!: A pediatric oral health project that culminated with the Duke Energy Children's Museum's *Inside the Grin* exhibit in 2014.

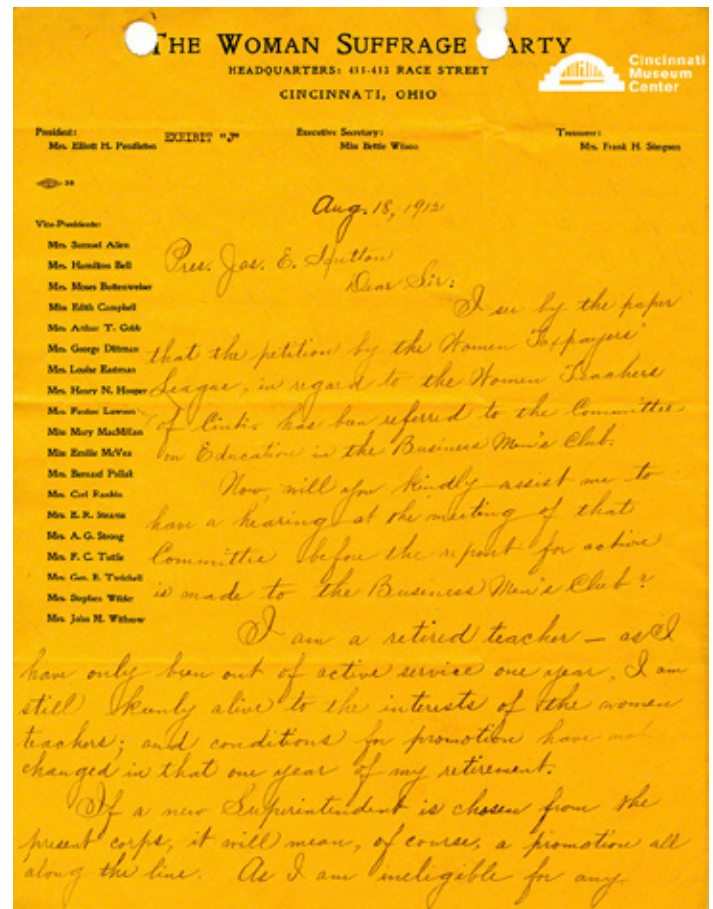
Discover how this amazing group of women has made our city a better place to live, play and grow. *The Junior League of Cincinnati: Making a Difference for 100 Years* exhibition is open through June 1, 2020 and is free with admission.

cincymuseum.org/junior-league

Coming spring 2020: Exhibition celebrating Suffrage movement

On August 20, 1920, the 19th Amendment to the U.S. Constitution was ratified, granting American women the right to vote, a right known as women's suffrage. While women had been protesting to be granted the right to vote, Suffragists sought to expand women's sphere and roles in many arenas. They recognized that race, class, faith, marital status and education also impacted the ability to control one's destiny. Highlighting characteristics that ensured suffragists' eventual success and still fuel movements today. Compelling stories will recall their vision, courage, collaboration, motivation and persistence. The exhibition will weave together diverse perspectives around complex but related issues from the past and present and encourage civic involvement.

Free and open to the public with CMC membership or Discovery Ticket.



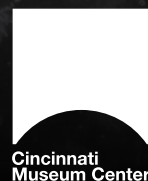
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DESTINATION MOON

THE APOLLO 11 MISSION

September 28, 2019 to February 17, 2020

#CMCmoon



Smithsonian

Destination Moon: The Apollo 11 Mission is organized by the National Air and Space Museum and the Smithsonian Institution Traveling Exhibition Service. The exhibit is made possible by the support of Jeff and MacKenzie Bezos, Joe Clark, Bruce R. McCaw Family Foundation, the Charles and Lisa Simonyi Fund for Arts and Sciences, John and Susann Norton and Gregory D., and Jennifer Walston Johnson.

CMC is grateful for the support of the Carol Ann and Ralph V. Haile, Jr./U.S. Bank Foundation, the Farmer Family Foundation and the Harold C. Schott Foundation.

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MAYA

The Exhibition

March 14 – September 7, 2020

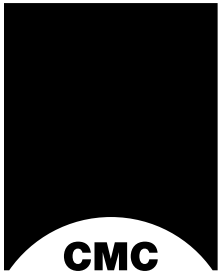


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