

### Dear colleagues,

I hope the summer brought you well-deserved opportunities for rest and renewal. Here at Cincinnati Museum Center, we've been busy! From new permanent exhibitions to featured exhibits and films, we have lots of exciting experiences to share with you in the coming school year:

- The new Advancing Health gallery in the Museum of Natural History & Science, presented by Mayfield Brain & Spine, unites fun interactives and media with a popular topic. Learn how systems such as our heart, brain and lungs work together; how to pursue a wide variety of health-related careers; and why Cincinnati is a hotbed of medical invention.
- Young learners can visit The Children's Museum's new Kids' Town Park to build skills that develop language and literacy. Talk to a tree, activate animals and spin your own stories to explore sounds, letters, characters and more.
- Check out new featured exhibitions this spring that investigate compelling topics, from Julia Child's culinary creativity and groundbreaking career, to the endless reinvention of Barbie as a cultural icon.
- Immerse yourself in the dazzling visuals of our Robert D. Lindner Family OMNIMAX® Theater: from *Blue Whales* and *Deep Sky* to *T. rex*, you're sure to journey to other worlds and make new discoveries.

And those are just our experiences at Union Terminal! CMC's Programs-on-Wheels outreach is more popular than ever, so book early to bring engaging programs with live animals, real objects and hands-on activities to your classroom. A Program at Union Terminal adds even more in-depth learning to your field trip. And don't forget our online experiences: from Conversations with an Expert to Virtual Field Trips, we help you augment classroom learning on a wide range of topics.

So welcome back — and welcome to the Museum!

Kind regards,

Whitney

Whitney Owens
Chief Learning Officer



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## **Field Trip Planning Guide**

### How to Schedule an Experience

Submit an online reservation request form at <a href="cincymuseum.org/educators">cincymuseum.org/educators</a> or call (513) 287-7021 from 9 a.m. to 5 p.m. seven days a week. Requests are tentative until you receive confirmation by email. PTO members, curriculum coordinators and other support staff, please be prepared to share the contact information of the educator who will be present on the day of the experience.

### **Payment**

We accept credit card, check or purchase order. Payment is due no later than two weeks prior to your experience. Refunds will not be issued day of visit if attendance numbers change; however, vouchers for general admission will be provided for previously scheduled attendees who were unable to visit as planned.

### **Funding Opportunities**

Funds may be available to cover field trip admission costs for schools with 60% or more of their students enrolled in free and reduced-price meal programs. To register for funding eligibility, please submit to <a href="mailto:schools@cincymuseum.org">schools@cincymuseum.org</a>, a letter that is written on school/district/agency letterhead, signed by an administrator, and notes the group's percentage of students enrolled in free and reduced-price meal programs. Please inquire about funding availability and confirm your school's letter is on file before scheduling a visit by calling (513) 287-7021.

### **Cancellation**

Please submit cancellations no later than two business days before the experience. Cancellations within two business days will pay 50% of the reservation. No-shows will pay 100% of the reservation. If your cancellation is due to weather, please call (513) 287-7021 as soon as possible to cancel without penalty.

### **Chaperones and Aides**

The chaperone ratio for preschool through grade 1 is 1:5; grades 2 through 8 is 1:10; grades 9 through 12 is 1:15. Groups must maintain their chaperone ratio at all times, including during classroom programs. One school caregiver or aide per Student with Disabilities may receive one complimentary Museum Admission ticket to provide care to the Student with Disabilities. Due to per-person licensing fees, groups visiting OMNIMAX® or Featured Exhibitions must purchase caregiver/aide admission. Please provide the number of caregivers/aides when submitting the reservation request.

### **Arrival and Parking**

Please arrive 15-30 minutes early so the group's primary representative can check in with completed paperwork, including number of students and chaperones. Vehicles should pull up to the front entrance door to unload. School buses and marked passenger vans may park for free in our South parking lot. Chaperones arriving in separate vehicles will pay the standard \$6 parking rate per vehicle.

#### Lunches

All groups planning to eat during their visit must reserve a half-hour time slot at the lunch tables for \$.50 per individual. Tables are limited; please book them when you make your reservation. Day-of requests cannot be accommodated. Pre-ordered box lunches are available for groups with a minimum order size of 25 lunches and orders due 10 business days prior to visit. Email <a href="mailto:catering@cincymuseum.org">catering@cincymuseum.org</a> or call (513) 287-7059 for details. Please pay for box lunches separately from museum reservations.

#### **TIPS FOR TEACHERS**

- Please prepare your chaperones! Provide trip information, a schedule for the day from your confirmation letter and a list of students who will be in their group. Talk with them about active chaperoning, which includes engaging with the students and the exhibits and keeping the students together throughout the visit.
- Make the most of your experience by providing guided questions for students to further engage their learning.
- 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 they will remain with throughout the visit before you 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.
- Look for Expert Eye labels in certain galleries for videos you can access on your phone that provide more content.
- Visit <u>cincymuseum.org/accessibility</u> to learn about accessibility features and tools available during your visit.

#### RESERVATION SUMMARY

School name
School address
Teacher name
Teacher email
Teacher day-of mobile phone number
Form of payment
Date of visit
Backup date
Time of arrival
Time of departure
Number of students
Number of chaperones
Grade level
Any special accommodations
Area of study inspiring the field trip

### **Museums at Union Terminal**

### The Children's Museum

At The Children's Museum, we know play is critical to the development of social-emotional skills, motor skills and cognitive growth. Discover interactive fun for kids ages 10 and younger in our hands-on exhibit areas.

### **Animal Spot**

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

### Energy Zone

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

#### Inside the Grin

Step inside a giant mouth to learn about oral health and polish your dental "chops." Learn how to care for your smile and what to expect when visiting the dentist. Have fun practicing proper technique with oversized floss and a toothbrush.

#### Kids at Work

Step into a construction site that provides spaces to design and build. Work cooperatively to move rocks and build with a variety of materials. Put simple shapes together to produce more complex structures that make work easier.

### Kids' Town with NEW addition!

Explore a busy town that includes a Kroger grocery store, diner, veterinarian's office and other places to imagine and pretend; and new to *Kids' Town* — a park that builds literacy skills! Try out roles such as shopping for groceries, delivering mail and cooking meals.









#### **KidSPACE**

Science. Play. Art. Creativity. Exploration. That's what KidSPACE, supported by the Dorsey Family Foundation, is all about. Confront challenges and explore new opportunities while you use your hands and your mind to encourage invention.

### The Woods (ages 5 and up)

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

#### Water Works

Observe floodplains 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.

### Nature's Trading Post

Explore the natural world and build science skills by examining and observing museum collection specimens.



### **Museums at Union Terminal**

### **Cincinnati History Museum**



#### Cincinnati in Motion

Explore the city's urban development through a scale model of downtown Cincinnati during different decades. Identify landmarks that are still part of the cityscape.



### **Shaping Our City**

See how Cincinnatians developed and used steamboats, canals, inclines, streetcars and automobiles. Explore shifting regional transportation, from Indigenous riverways to steam power, from the internal combustion engine to the Hyperloop. How does the transportation we choose shape our future city?



#### Made in Cincinnati

From Porkopolis to tomorrow's modern tech hub, discover how innovation is, and always has been, in Cincinnati's DNA. Stories of businesses — from handcrafted goods to industrial power — come to life through beautiful objects, narratives and interactives. Meet the next generation of entrepreneurs and celebrate our region's creative spirit.



#### You are Here

Discover Cincinnati's unique features, diverse population and rich cultural traditions. Connect with our region's history, present and future by exploring "only in Cincy" traditions and investigating what it means to live, work and play in the Queen City.



### **Public Landing**

Steam down the Ohio River to the Public Landing and experience Cincinnati during the mid-19<sup>th</sup> century. Investigate interactive storefronts representing the city's busy commercial center, while learning about immigrants who helped make Cincinnati one of the largest cities in the growing United States.



### **Virtual Field Trips**

Bringing your students to Union Terminal for a day of learning and enrichment? Use our free Virtual Field Trips — including expert interviews only found here — to introduce topics before your visit or explore more back in the classroom.

See page 19 for more information.

### **Museums at Union Terminal**

### **Museum of Natural History & Science**

# NEW Advancing Health, presented by Mayfield Brain & Spine

Follow caregivers and patients as they explore how healthy systems and disease intersect, how environmental conditions impact health and how our region's medical, technical and social professionals help people feel better. Investigate how our bodies function, how we can keep them strong and how medical and community interventions can help when we need care.

## Ancient Worlds Hiding in Plain Sight

Built on the strength of our world-renowned fossil collection, explore Ohio, Indiana and Kentucky's exciting geologic past by traveling back over 450 million years.

#### The Cave

Investigate the world beneath us through 500 feet of darkened passageways inside our replica limestone cave. Experience a waterfall, underground streams, a formation chamber and the bat enclosure, home to CMC's own big brown bat colony!

### Dinosaur Hall

Meet *Galeamopus* and *Torvosaurus*, two huge dinosaurs new to science. Learn about the Jurassic environment, and how dinosaurs and other plants and animals adapted to thrive. Measure yourself against an *Apatosaurus* leg bone and discover how scientists find and study fossils.

### Ice Age Gallery

Journey back in time to see what the region looked like more than 23,000 years ago. Stand face-to-tusk with a mastodon skeleton and learn about the salt deposits that drew these incredible beasts and their hunters to the region. Discover the impact of humans on our environment and explore how ecosystems, biodiversity and landscapes change over time.

## John A. and Judy Ruthven Get into Nature Gallery

Walk through the four seasons and get to know the plants and animals in the Eastern Forest. Mimic insect sounds, smell decomposing leaves and explore adaptations that help animals survive freezing conditions. Meet live animals and plants you can find in your environment, whether you live near the Edge of Appalachia Preserve or in the city of Cincinnati.

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

Appreciate Ohio's proud aviation heritage. Follow in the small steps and giant leaps of Neil Armstrong and see if you have the right stuff to explore Mars and beyond. Experience a 360° theater and artifacts that can only be seen in Cincinnati — including a moon rock presented to CMC by Armstrong himself.

## Science Interactives Gallery, sponsored by Procter & Gamble

Power a giant science playscape! Hoist yourself up with pulleys, watch clouds form and use physics to your advantage in a tug-of-war. Watch a tornado form in a 13-foot vortex chamber and see your body in a whole new way with our infrared camera. On the Austin E. Knowlton Foundation Science Stage, catch a show that explores concepts such as electricity, chemistry and physics in fun (and often explosive) ways!







### **Virtual Field Trips**

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See page 19 for more information.

## Robert D. Linder 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, traveling to the ocean alongside blue whales, to deep space, and to the fearsome kingdom of *T. rex*. Each film is approximately 50 minutes long.

### **Feature Films**



### Blue Whales: Return of the Giants

#### Open through October 24, 2024

Narrated by award-winning actor Andy Serkis, *Blue Whales* provides an unforgettable window into these animals' lives — and the extremes scientists endure to study them. Dive beneath the waves off the exotic Seychelles Islands on a high-risk mission to find a missing population of blue whales not seen in 50 years and visit the stunning Gulf of California to explore the important role these remarkable animals play in the health of our oceans.

Blue Whales: Return of the Giants Education Materials



#### T.rex

#### Opening October 25, 2024

Hold on to your seats for a ROAR-ing adventure! Enjoy spectacular CGI visuals, famous specimens, landmark discoveries and wild cinematic depictions to enter the domain of the Tyrant Lizard King — *Tyrannosaurus rex*. Meet paleontologists and researchers as you navigate the interplay between speculation and evidence and reveal how the process of science refreshes and reimagines our understanding of this legendary dinosaur.



### Deep Sky

#### Open through October 24, 2024

Narrated by Oscar-nominated actress Michelle Williams, go behind the scenes of the James Webb Space Telescope, capturing its launch and the release of the mind blowing first full-color images of deep space. From the telescope's construction to its heart-pounding launch and the release of its first images, the film takes you to the farthest reaches of the universe for a show 13 billion years in the making.

## Robert D. Linder Family OMNIMAX® Theater

### **Custom Films**

Choose from our feature OMNIMAX® films or a suite of classics you can reserve at 9 a.m., 9:30 a.m., 10 a.m. or 10:30 a.m. Minimum 30 individuals. Dates are available on a first-come, first-served basis.

#### **Backyard Wilderness**

Spanning a full year of seasons, revel in the wild that surrounds even our suburban homes and discover that Wi-Fi is not the only connection that matters.

**Backyard Wilderness Education Materials** 

#### Blue Whales: Return of the Giants

Dive beneath the waves off the exotic Seychelles Islands on a high-risk mission to find a missing population of blue whales not seen in 50 years and visit the stunning Gulf of California to explore the important role these remarkable animals play in the health of our oceans.

Blue Whales: Return of the Giants Education Materials

#### Deep Sky

Narrated by Oscar-nominated actress Michelle Williams, go behind the scenes of the James Webb Space Telescope, capturing its launch and the release of the mind blowing first full-color images of deep space.

#### Jane Goodall: Reasons for Hope

Drawing on decades of work by the world's most famous living ethologist and environmentalist, join this uplifting journey around the globe to highlight good news stories that will inspire people to make a difference in the world around them.

Jane Goodall: Reasons for Hope Education Materials

#### National Parks Adventure

Experience the ultimate off-trail adventure into the nation's aweinspiring great outdoors and untamed wilderness in an actionpacked expedition that inspires the adventurer in us all.

National Parks Adventure Education Materials

#### Secrets of the Sea

Dive into an underwater world to meet some of the ocean's strangest and most spectacular creatures.

Secrets of the Sea Education Materials

#### Serengeti: Journey to the Heart of Africa

Join an incredible journey through the untamed wilds of Africa, where lions roar and wildebeests thunder. See stunning cinematography that takes you closer to iconic animals than ever before and proves that the circle of life is timeless.

Serengeti: Journey to the Heart of Africa Education Materials

#### Superpower Dogs

Marvel at the lifesaving superpowers and extraordinary bravery of some of the world's most amazing dogs, revealing the astonishing science behind their extraordinary abilities.

Superpower Dogs Education Materials

#### Volcanoes: The Fires of Creation

Journey across the globe to see the archaeological ghost town of Pompeii, hydrothermal vents at the bottom of the ocean and the lengthy eruption and aftermath of the devastating 2018 Kilauea outburst in Hawaii.

Volcanoes: The Fires of Creation Education Materials



Photo: National Parks Adventure



Photo: Serengeti: Journey to the Heart of Africa



Photo: Jane Goodall: Reasons for Hope

## Featured Exhibitions at Union Terminal



### Lens of History: Celebration of People, Spaces and Emotion

#### Open through October 14, 2024

Explore the rich tapestry of Black history in Cincinnati through the lens of Black photographers and community photo collections from the 1800s to today. Curated by Toilynn O'Neal Turner, the exhibition showcases the often overlooked and sometimes unseen contributions and experiences of Black individuals and communities throughout Cincinnati's history. Through photos of triumph and resilience, extraordinary moments and everyday life, discover the past in a profound new way.

cincymuseum.org/lens-of-history

## Julia Child: A Recipe for Life

#### February 1 to May 18, 2025

Immerse students in the essential ingredients of Julia's personal journey — from her early days in Paris to her groundbreaking cookbook and TV show. Discover the passion and perseverance that made Julia a culinary icon and be inspired by her legacy — one that continues to influence and inspire generations of food enthusiasts and trailblazers.

### Barbie: A Cultural Icon

#### April 4 to September 1, 2025

Journey from 1959 to the present day and discover the evolution of fashion and societal changes through Barbie, a children's toy doll created to empower and delight young girls. A true reflection of culture, Barbie serves as an iconic time capsule from the past and a symbol for women everywhere. Travel through six decades of the toy's history to explore moments of nostalgia, delight and inspiration for all ages.

## **Featured Exhibitions at Union Terminal**



## Holiday Junction featuring the Duke Energy Holiday Trains

#### November 9, 2024 to January 6, 2025

Enter a winter wonderland for a trip through time. Get track-level and bird's-eye views of model trains from 1904, the 1930s, 1950s and more. A holiday staple since 1946, the Duke Energy Holiday Trains feature more than 60 locomotives and 300 rail cars on 1,000 feet of track. <a href="mailto:cincymuseum.org/holiday-junction">cincymuseum.org/holiday-junction</a>









## Nancy & David Wolf Holocaust & Humanity Center



# **Engage with History by Booking a Field Trip**

Explore the Holocaust & Humanity Center's interactive, award-winning museum through the voices of those who witnessed history. Take a journey with local survivor stories featuring artifacts, photographs, quotes and video testimony. Learn about upstanders in the Humanity Gallery and leave feeling inspired to be the best of humanity today.



### **Inspire Future Leaders**

Jacob G. Schmidlapp Bystander to Upstander: Youth Leadership Day

Tuesday, March 4, 2025 (7<sup>th</sup> and 8<sup>th</sup> graders) Wednesday, March 5, 2025 (9<sup>th</sup> and 10<sup>th</sup> graders) 9 a.m. to 2:30 p.m.

Inspire students to be changemakers and learn about what it means to be an upstander. This one-day workshop for middle school and high school students features interactive hands-on sessions with historical examples. During sessions, students dialogue with their peers from different schools and backgrounds. Nominate your students for this impactful experience starting in early December 2024.



### **Learn with Us**

Continue to learn and grow as an educator with the Nancy & David Wolf Holocaust & Humanity Center's professional development workshops. Gain practical, research-based ideas for classroom implementation. Enjoy access to cutting-edge scholarship, primary sources and testimony from local survivors and curricular support from museum staff. Workshops can be tailored to meet each school district's unique initiatives and are delivered both at Union Terminal and at school sites.



### **Teach Complex History**

Help students make local connections to content, develop empathy and think critically with the Nancy & David Wolf Holocaust and Humanity Center's dynamic curricular resources. Designed with secondary students in mind, the museum's curricular resources make complex history accessible to young learners and inspire future upstanders. From interactive digital choice boards to primary source inquiry lessons, the museum's classroom activities can be easily integrated into any existing ELA and social studies curriculum.

For more information, please visit holocaustandhumanity.org.

Immerse your students in educational and entertaining topics such as dinosaurs, world cultures, archaeology, local history and animals with hands-on programs that meet state and national standards. Enhance your students' visit to CMC with any of our Programs at Union Terminal, or let us pack up the car and bring them to you as Programs-on-Wheels! You can even stream select programs digitally into your classroom. See pricing information by location on page 25.

### Early Childhood Programs (PreK-K)

- Minimum age requirement: 3 years
- Program length: 45 minutes
- Maximum 25 students per program

## Primary and Secondary Programs (1st-12th)

- See program description for topic-specific grade levels
- Program length: 60 minutes
- Maximum 30 students per program

### **Exploration Stations**

- Hands-on, informal learning perfect for family nights, field days or other events where guests are on the move
- Designed to entertain guests of many ages and interests as they explore at their own pace
- Single stations can accommodate a maximum of 25 people at a time; please book multiple stations or host additional activities to accommodate larger audiences.
- Look for the ES designation below for available topics

### **Virtual Programs**

- In-person connections not an option? Bring CMC's vibrant programs live to your classroom (or class-ZOOM) via virtual connection. CMC can supply the connection or present on a variety of platforms.
- Early Childhood Program length is 30 minutes. Primary and Secondary Program length is 45 minutes. Maximum number of students per session is the same as in-person programs.

### **Scheduling Information**

Group Educational Programs are available as Programs at Union Terminal Mondays through Fridays. Programs-on-Wheels are available at your location on any day or time, pending staff availability. Multi-session discounts are available, and seasonal value pricing applies. To schedule, call (513) 287-7021 or visit cincymuseum.org/educators to fill out a program request form.

#### **Programs-on-Wheels Presenting Sponsor**









#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

 Requires large open space such as muscle room or small gym

#### STANDARDS KEY

#### Science Standards

ESS	Earth and Space Science		
PS	Physical Science		
LS	Life Science		
ED	Engineering Design		
Sci	Early Education Science (KY only)		
SI	Science Inquiry (OH only)		

Biology (OH only)

#### Social Studies Standards

H History
G Geography
Gov Government
E Economics
C Civics
SS Early Education
Social Studies
(KY only)

### Early Childhood Programs (PreK-K)

#### 3... 2... 1... Blast Off! \* ES V

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

OH ESS: P, K; PS: K; SI: P

KY Sci: P; PS: K

#### **A Cultural Experience**

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

OH PS: P, K; SI: P; H: P, K; G: P, K

**KY H:** K; **G:** K; **SS:** P

#### Coral: A Colorful Community ES

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.

**OH ESS:** P; **LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P

#### Dino Dig \* ES V

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.

**OH PS:** K; **LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P

#### "Egg"-cellent Eggs

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.

**OH PS:** K; **LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P



#### From the Backyard to the Barnyard

Use puppets to investigate animals that 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.

OH ESS: P; PS: K; LS: P, K; SI: P

KY ESS: K; LS: K; Sci: P

#### **How Does Your Garden Grow?**

Gain an introduction to the diverse world of plants! Learn what they need to grow, what parts they have and the stages of the plant life cycle. Investigate the differences between fruits and vegetables. Then dig in the dirt and plant your own seed to take home.

**OH ESS:** P; **LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P

#### **Our Five Senses**

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.

**OH PS:** P, K; **LS:** P, K; **SI:** P

KY Sci: ₽

#### **Rainforest Adventure**

Take an imaginary journey to the tropical rainforest to learn about the many animals and plants that live there. "Shop" for important products that come from this unique habitat and meet three live animals that call the rainforest home.

**OH ESS:** P, K; **LS:** P; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P; **PS:** K

#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

 Requires large open space such as muscle room or small gym

#### STANDARDS KEY

(OH only)

Biology (OH only)

#### Science **Standards ESS** Earth and Space Science PS Physical Science LS Life Science Ε ED **Engineering Design** Sci Early Education Science (KY only) SI Science Inquiry

#### Social Studies Standards

H History
G Geography
Gov Government
E Economics
C Civics
SS Early Education
Social Studies
(KY only)

#### Snug as a Bug ES

Build a bug, see through the eyes of a fly and learn 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.

**OH PS:** K; **LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K, **Sci:** P

#### Stuffee, the Amazing Anatomy Doll V

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

**OH LS:** P, K; **SI:** P **KY Sci:** P; **LS:** K

#### **Tall Tails**

Hop, prop and crawl your way to learning about animal adaptations. Try on larger-than-life costume tails, morph into different animals, then hear a tall tale about two unique local animals.

**OH LS:** P, K; **SI:** P **KY ESS:** K; **LS:** K; **Sci:** P

#### Wild About Animals \* ES

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.

**OH LS:** P, K; **SI:** P; **G:** K **KY ESS:** K; **LS:** K; **Sci:** P; **SS:** P

#### **Wonders of Weather**

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.

**OH ESS:** P, K; **PS:** P; **SI:** P **KY ESS:** K; **Sci:** P; **PS:** K

## Primary and Secondary Science Programs

(Grade levels vary; organized by grade range, starting with younger grades)

#### Awesome Animal Adaptations 1st – 8th ES V

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

**OH LS:** 1, 2, 3, 4, 5, 6, 7 **KY LS:** 1, 2, 3, 4, 5, 6, 8

#### Bats 1st - 8th ES V

Walk like a bat! Fly like a bat! Meet a live native bat! 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, specimens and more.

**OH LS:** 1, 2, 3, 4, 5, 6 **KY LS:** 1, 2, 3, 4, 5, 6, 7, 8

#### Coral: A Colorful Community 1st – 3rd ES

Biodiversity is the name of the game when it comes to the coral reef — the "rainforest of the sea!" Learn all about the organisms that build the reef. Touch real coral skeletons and learn how coral polyps feed and protect themselves. Explore the interconnectedness of the many organisms who make up the coral reef community through puppet play time and a symbiosis puzzle!

**OH LS:** 1, 2, 3 **KY LS:** 1, 2, 3

#### Digging for Dinosaurs 1st - 4th \* ES

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. Touch fossils from dinosaurs including *Allosaurus*, *Triceratops*, *Iguanodon* and more — a junior paleontologist's dream!

**OH LS:** 1, 2, 3, 4 **KY LS:** 1, 3, 4

#### **KEY**

**ES** Available as Exploration Station

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 Requires large open space such as muscle room or small gym

#### **STANDARDS KEY**

Biology (OH only)

#### **Social Studies** Science **Standards Standards ESS** Earth and Space н History Science G Geography PS Physical Science Gov Government LS Life Science Ε **Fconomics** ED **Engineering Design** С Civics Sci Early Education SS Early Education Science (KY only) Social Studies SI Science Inquiry (KY only) (OH only)

#### Engineer it! 1st - 4th

Explore engineering using step-by-step instructions and colorful construction kits. Solve problems by building working belt-driven machines. Utilizing the engineering design process, improve your inventions by conquering friction and making tension work for you!

**OH PS:** 1, 2

**KY PS:** 2, 3; **ED:** K-2, 3-5

#### Fantastic Flora 1st - 3rd

Animals aren't the only ones with amazing adaptations; plants are champions 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 and manufacture food. Topics covered include parts of a plant, photosynthesis, germination, pollination and more! Each student will leave with a planted seed of their own.

**OH ESS:** 1; **LS:** 1, 2, 3 **KY LS:** 1, 2, 3; **PS:** 1

#### Forces of Nature 1st - 4th ES

Investigate weather patterns and natural phenomena through activities that shake, shock and erupt! Review the steps of the water cycle, learn about tectonic plates and model the power of earthquakes, tornadoes, volcanos and lightning. Use teamwork to attempt to build a house that is unshakeable!

**OH ESS:** 1, 2, 4; **PS:** 2

**KY ESS:** 2, 3, 4; **ED:** K-2, 3-5; **PS:** 1, 4

#### Incredible Insects 1st - 5th ES V

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. Meet live insects and view mounted insect specimens from across the globe.

**OH LS:** 1, 2, 3, 4, 5 **KY LS:** 1, 2, 3, 4, 5

#### Rainforest Adventure 1st - 2nd

Take an imaginary journey to the tropical rainforest! Discover where in the world this habitat can be found and how much it really rains there. From the forest floor to the emergent giants, puzzle out the layers that compose this jungle environment and identify the animals who live in each. Learn about the many rainforest products we consume and why it is important to protect this habitat. For the grand finale, interact with three live animals that call the rainforest home!

**OH LS:** 1 **KY LS:** 1, 2

#### Reasons for the Seasons 1st - 5th ES

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.

**OH ESS:** 1, 2, 5; **LS:** 1, 3

**KY ESS:** 1, 2; **LS:** 1, 3, 4, 5; **PS:** 1

#### What's the (State of) Matter? 1st - 3rd

Learn about solids, liquids, gases and plasma through fun, bubbly, sticky and electrifying experiments. Mix different states of matter and be amazed by what happens. Energy in, energy out! Chemical reactions galore! As an added bonus, take home an entertaining substance that doesn't quite follow the state of matter rules.

**OH PS:** 1, 3 **KY PS:** 2

#### Your Heart, Your Blood, Your Health 2nd - 6th

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

OH LS: 6 KY LS: 4



#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

Requires large open space such as muscle room or small gym

#### **STANDARDS KEY**

### Science Standards

<u> </u>	
ESS	Earth and Space Science
PS	Physical Science
LS	Life Science
ED	Engineering Design
Sci	Early Education Science (KY only)
SI	Science Inquiry (OH only)

Biology (OH only)

#### Social Studies Standards

H History
G Geography
Gov Government
E Economics
C Civics
SS Early Education
Social Studies
(KY only)

#### Dinosaur Discovery 3<sup>rd</sup> – 5<sup>th</sup>

#### \*Available at Union Terminal ONLY\*

Step into the role of a paleontologist and work with your team to unwrap fossils from a variety of dinosaurs. Practice your paleontological skills by handling real and cast fossils, conducting research and presenting findings. Discover what adaptations dinosaurs had to survive in their habitats, and how scientists learn about them using fossils from *Tyrannosaurus*, *Stegosaurus*, *Velociraptor* and more!

**OH LS:** 3, 4

**KY LS:** 3, 4; **ESS:** 4

## **Evolution of Diversity: A History of Earth's Changes 3rd – 8th ES**

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.

**OH ESS:** 8; **LS:** 3, 4, 6, 7, 8 **KY ESS:** 4, 6, 8; **LS:** 3, 4, 8

## Experimenting with Physical Science 3<sup>rd</sup> – 7<sup>th</sup> ES

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.

**OH PS:** 3, 4, 5, 6

**KY PS:** 3, 4, 5, 6, 7; **ED:** 3-5

### Geology Rocks 3rd - 7th ES

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

**OH ESS:** 3, 4, 6; **PS:** 7 **KY ESS:** 4, 6; **PS:** 5

### Tour the Solar System 3<sup>rd</sup> – 6<sup>th</sup> ES V

Soar through the solar system with recent slide images from Mercury, Neptune and beyond. Touch rocks like the ones found on our Moon and learn about why the gas giants are so colorful. Figure out your galactic address, visualize the distance between planets and observe the crushing effects of air pressure!

**OH ESS:** 4, 5; **PS:** 3 **KY ESS:** 5, 6; **PS:** 4, 5





## Animal Identification: The Science of Skulls 4th – 8th FS

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. Gain a great introduction to the science of classification. Strong reading skills are necessary for this program.

**OH LS:** 5, 6 **KY LS:** 4

#### Chemistry in Your Hands 4th - 7th

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!

**OH PS:** 4, 6, 7 **KY PS:** 4, 5, 6, 7

#### ABC: Arches, Bridges & Construction 5th - 8th

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.

**OH PS:** 8 **KY ED:** 3-5, 6-8

#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

 Requires large open space such as muscle room or small gym

#### STANDARDS KEY

Science

#### **Standards ESS** Earth and Space Science PS Physical Science LS Life Science ED **Engineering Design** Sci Early Education Science (KY only) SI Science Inquiry (OH only)

Biology (OH only)

## Social Studies Standards

Н	History				
G	Geography				
Gov	Government				
E	Economics				
С	Civics				
SS	Early Education Social Studies (KY only)				

#### Forensics: The Science of Crime 5th - 8th ES

Analyze human skull replicas to determine the sex 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.

OH LS: 8 KY LS: 8

#### Superheroes of STEMville 5th - 12th ES

Calling all science heroes! The citizens of STEMVille need your engineering and math skills to solve a series of challenges and save the community. Use the engineering design process to define the problems; then imagine, create and test solutions. Improve as needed until the city is saved!

**OH PS:** 5, 6

**KY PS:** 7; **ED:** 3-5, 6-8

#### Best of Biology 7th - 12th V

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.

**OH LS:** 6, 8; **B:** 9-12 **KY LS:** 8, 9-12

## **Primary and Secondary Social Studies Programs**

(Grade levels vary; organized by grade range, starting with younger grades)

#### Impact of Inventions 1st - 6th V

Many inventors, including Thomas Edison, Lewis Howard Latimer, Garrett Morgan, Eli Whitney, George Washington Carver and Patricia Bath, have created items that change our daily lives. Use a timeline, experiments and hands-on exploration to investigate the impact of their inventions and others on the past, present and future of our world.

**OH H:** 1,2, 3, 4; **G:** 2, 3, 5; **Gov:** 2, 3; **E:** 2, 4, 5, 6

**KY H:** 1, 2, 3, 5

### One World, Many Cultures 1st – 4th ES V

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.

**OH G:** 1, 2, 3 **KY H:** 3; **G:** 1, 3

#### Transportation Transformations 1st - 6th

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

**OH H:** 1, 2, 3, 4; **G:** 1, 2, 3, 4, 5, 6; **E:** 1, 2, 3, 5

**KY G:** 1, 2, 3, 4, 5; **E:** 1,2

#### Uncovering Egypt 2<sup>nd</sup> – 8<sup>th</sup>

Calling all Egyptologists! Explore archaeology, the science that unlocks the secrets of past civilizations. Excavate and analyze artifacts from a replica 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!

**OH H:** 6, 7; **G:** 6; **Gov:** 6 **KY H:** 6; **G:** 6; **C:** 6

## Archaeology of Ohio Valley Native Peoples 3<sup>rd</sup> – 8<sup>th</sup>

Gain an introduction to the major cultural groups of the Ohio valley's history and discover the tools, natural resources and skills that allowed them to survive. Using a timeline, view these local cultures within the context of civilizations around the world. Learn about two techniques that archaeologists use to gather information and make inferences about people of the past. Use artifacts to experience quadrant mapping and create an example of stratigraphy for your group to keep.

**OH H:** 3, 4, 5, 6; **G:** 3, 4, 5 **KY H:** 3, 4, 6, 7; **G:** 3, 5; **E:** 4, 6

#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

 Requires large open space such as muscle room or small gym

#### STANDARDS KEY

#### **Social Studies** Science **Standards Standards ESS** Earth and Space Н History Science G Geography PS Physical Science Gov Government LS Life Science Ε **Economics** ED **Engineering Design** С Civics Sci Early Education SS Early Education Science (KY only) Social Studies SI Science Inquiry (KY only) (OH only) В Biology (OH only)

#### Business Beginnings 3rd - 6th

Investigate soap- and candle-making, meatpacking, furnituremaking and brewing in 19th-century Cincinnati. 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. Strong reading skills are necessary for this program.

**OH H:** 3, 4; **G:** 2, 3, 4, 6; **Gov:** 3; **E:** 3, 4, 5, 6

**KY E:** 3, 4, 5

#### Lotions, Potions & Strange Notions 3rd – 6th V

Learn about cholera, the disease at the root of multiple Cincinnati epidemics in the 1800s. Investigate the difference between a pandemic and an epidemic while matching "giant microbes" with the diseases they cause. Then, use mortars and pestles to roll herbal pills like those dispensed by 19th-century apothecaries.

**OH H:** 3, 4; **G:** 3, 4, 5, 6

**KY G:** 3

#### On the Trail with Lewis & Clark 3rd - 8th ES

Take an imaginary trip with Lewis and Clark to explore President Jefferson's recent acquisition of the Louisiana Purchase. Why were they going? What did they pack? Answer these questions and more as we head out on our adventure. Use maps, historical artifacts, primary source material, and a choose-your-own-adventure game to study the wildlife, unknown lands and people that the Corps of Discovery encountered on their journey. Primary source material includes an 1803 Meriwether Lewis letter.

**OH H:** 3, 4, 7, 8; **G:** 3, 4, 5, 6, 8; **Gov:** 6

**KY H:** 8; **G:** 3, 5; **E:** 4, 5

#### The Underground Railroad: Its History, People & Glory 3rd - 8th

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

**OH H:** 3, 4, 5, 7, 8; **G:** 3, 4, 5, 6, 8; **Gov:** 3, 4; **E:** 5, 6

**KY H:** 3, 4, 5, 8; **G:** 3, 4, 5, 7, 8; **C:** 8

#### Walking City 3rd - 8th ES

Explore how geographic factors kept Cincinnatians confined to the downtown basin and learn why our city remained a walking city longer than most. Use a giant authentic 1863 urban map, its key, advertisements from the city directory and illustrations to perform a series of tasks that help you understand what life was like then in downtown Cincinnati. Strong reading skills are necessary for this program.

**OH H:** 3, 4, 8; **G:** 3, 4, 5, 6, 7, 8

**KY G:** 3, 4, 5, 8

#### When Two Worlds Met 3rd - 6th

The North American fur trade connected people from two different worlds. Exchange furs and coins 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. Experience a period beaver felt hat, wampum and a calumet.

**OH H:** 3, 4, 5; **G:** 3, 4, 5, 6; **Gov:** 6; **E:** 5

**KY H:** 4; **G:** 3; **E:** 4, 6







#### **KEY**

**ES** Available as Exploration Station

V Available to be presented virtually

Requires large open space such as muscle room or small gym

#### STANDARDS KEY

#### Science **Standards**

**ESS** Earth and Space Science PS Physical Science LS Life Science ED **Engineering Design** Sci Early Education Science (KY only)

SI Science Inquiry (OH only) В

Biology (OH only)

#### **Social Studies Standards**

Н History G Geography Government Gov Ε **Economics** С Civics SS Early Education Social Studies (KY only)

## **Connecting with Classrooms Virtually**



### **Virtual Field Trips**

Ready to explore our exhibits from school or home? Our virtual field trips are in-depth tours of exhibits through video walkthroughs, expert interviews and immersive content, all aligned with OH and KY content standards. Virtual field trips are free to access and provide fantastic opportunities to prepare for in-person field trips or explore additional content afterward.

cincymuseum.org/virtual-field-trips

#### **Available Now**

#### The Cave

From waterfalls and stalactites to fossils and troglobites, discover all the features in the Cave's twists and turns. Designed for grades 2–7 but contains engaging content for grades 8–12 and adults.

#### Dinosaur Hall

Meet huge dinosaurs and learn what we know about the Jurassic environment from other animals and plants. Experience how dinosaurs adapted to thrive. Designed for grades 4–8 but contains engaging content for grades 2–3, high school and adults.

#### Made in Cincinnati

From Porkopolis to tomorrow's modern tech hub, discover how innovation is, and always has been, in Cincinnati's DNA. Designed for grades 4–12 and adults.

#### Maya: Daily Life & New Discoveries

Learn about Maya daily life and agriculture, the rise and fall of the Maya people, breakthrough discoveries from the University of Cincinnati and Maya culture today. Designed for grades 5–7 but contains engaging content for grades 3–4, high school and adults.

#### Maya: Royalty, Art & Cosmic Balance

Learn about the Maya people; cosmic balance, gods, goddesses and divine kingship; art; writing; timekeeping; and Maya culture today. Designed for grades 5–7 but contains engaging content for grades 3–4, high school and adults.

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

Follow in the small steps and giant leaps of Neil Armstrong and see if you have the right stuff to explore Mars and beyond. Designed for grades 4–12 and adults.

#### **Public Landing**

Learn how Cincinnati is a city of immigrants and transplants, a city whose defining features are inspired by the diverse population who have called it home. Designed for grades 5–7, but contains engaging content for grades 3–4, high school and adults.

## Shaping Our City Part I: First Settlement to 1920

Venture through time to explore the Cincinnati region from before the 1700s to 1920. From canoes and steamboats, to inclines and streetcars, discover how Cincinnati's transportation story has changed. Designed for grades 3–8 but contains engaging content for high school and adults.

#### Shaping Our City Part II: 1920 to Today

Venture through time to explore the Cincinnati region from 1920 to the present. From trains and cars, to hyperloops and rideshare systems, Cincinnati's transportation story is still being written. Designed for grades 3–8 but contains engaging content for high school and adults.

## **Connecting with Classrooms Virtually**



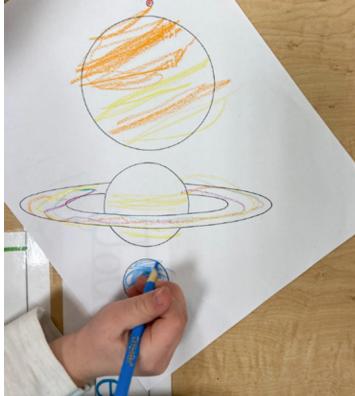
# Conversations with an Expert

Invite a CMC science or history curator, a librarian from the Cincinnati History Library & Archives, an exhibit designer or fabricator or other expert to a live, virtual conversation with your students! Learn about their background, explore their research and learn about their day-to-day responsibilities. In-person conversations can be scheduled during field trips to CMC, too! Contact <a href="https://whorobik@cincymuseum.org">whorobik@cincymuseum.org</a> for a list of experts and topics.

# Virtual Group Educational Programs

In-person connections not an option? Bring CMC's vibrant programs live to your classroom (or class-ZOOM) via virtual connection. CMC can supply the connection or present on a variety of platforms. See pages 12–18 for details.





## **Local History and Ohio History Day**



### **Cincinnati History Library and Archives**

The Cincinnati History Library & Archives have been collecting and preserving materials related to Greater Cincinnati, Ohio and the Old Northwest Territory since 1831, housing one of the most significant regional history collections in the United States with thousands of books, pamphlets, maps, manuscripts, photographs and films. The Library & Archives house collections relating to the social, political, economic and cultural history of Cincinnati and the surrounding area. Along with our manuscript collection, the library also has photos, maps, early newspapers and printed works covering a vast array of topics, from abolitionism to wartime recipes.

Use the Library & Archives' extensive collection of primary and secondary source documents to examine events from Cincinnati's past from multiple perspectives. Contact <a href="mailto:library@cincymuseum.org">library@cincymuseum.org</a> to schedule a group visit. We can accommodate up to 20 students at one time. Visit <a href="mailto:cincymuseum.org/cincinnati-history-library-archives">cincymuseum.org/cincinnati-history-library-archives</a> for access to digital journals, online exhibits and other primary and secondary source material.

### **Ohio History Day**

Ohio History Day asks students to be creative and collaborative and think critically about history. By engaging students in grades 4-12 in research, this year-long program provides an opportunity for students to practice cross-curricular learning and practical application, while developing public speaking skills. Students choose to write an **essay**, create a **documentary**, build and display an **exhibit**, write and **perform** a song or play or create a **website** to be shared with an authentic audience of local historians and community partners.

Led by Ohio History Connection and coordinated regionally by CMC, Ohio History Day is an affiliate of the award-winning National History Day program. We are proud to co-host Ohio History Day's Region 8 competition for Adams, Brown, Butler, Clermont, Clinton, Hamilton, Highland and Warren counties. It's not just a day, it's an experience!

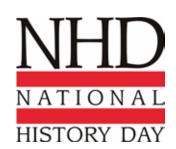
The theme for 2025 is *Rights & Responsibilities in History*.

Find additional details at ohiohistory.org/learn/education-and-outreach/ohio-history-day.

#### **Ohio History Day Region 8 Contest**

March 15, 2025 Cincinnati Museum Center





## Youth Program and Educator Resources



## **Cincinnati Museum Center Youth Programs**

Cincinnati Museum Center's Youth Programs is a developmental program for teens between the ages of 13 and 18 focusing on four missions: Career Development, Leadership Development, College Preparation and Diversity Exposure. We offer a wide array of educational, career and leadership development opportunities along with important life skills, experiences and the chance to earn a paid Cincinnati Museum Center position.

Recruiting starts at the beginning of each calendar year, and we rely on educators to help identify young individuals that show a pattern of high academic achievement but could use a boost in support to enhance their future success. Examples of youth who could benefit from this program might fall under the following identifiers, although we welcome youth from all backgrounds: lower family-income brackets, first-generation college-bound students and students enrolled in free or reduced-price meal plans. Reach out to <a href="mailto:youthprograms@cincymuseum.org">youthprograms@cincymuseum.org</a> to nominate a student.

cincymuseum.org/youth-programs

### **Just for Educators**

#### **Educator eNewsletter**

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

#### **Exhibit-Related Resources**

Enhance your field trip by using scavenger hunts and exhibit guides. Discover more a <u>cincymuseum.org/educators</u>.

#### **Discounted Membership**

Receive a \$20 discount on a CMC Membership by showing your school ID. Memberships are not valid on group visits. Find the Educator Membership form at <a href="mailto:cincymuseum.org/join">cincymuseum.org/join</a>.

#### **Preview and Prep**

Have you booked a field trip to CMC and want to visit to prepare? Educators may visit any museum for free one time before their scheduled field trip. Simply bring your confirmation letter and ID to verify you are the booking teacher.

#### **Teacher Preview Nights**

Preview our new featured exhibitions or OMNIMAX® films and see if they're a good fit for your classroom. Talk with our team to get more information about related programming. Sign up for the Educator eNewsletter to receive dates.

### **Teacher Education**

### **ECSITE**

#### **Early Childhood Science Inquiry Teacher Education**

CMC's ECSITE program helps early childhood educators create and implement inquiry-based science activities for their students. Participating educators complete the program with greater understanding of different approaches to teaching science and the skills students develop through science activities that will help them 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. Experience three approaches to teaching science that you can use to meet the needs of every student in your classroom.

### **Experiments**

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

#### **Process Skills**

In order to help learners develop the process skills needed for science exploration and inquiry, teachers need to gradually shift to giving learners more responsibility for using these skills in science activities. Practice making small shifts in existing activities to help learners strengthen the process skills needed for scientific inquiry.

## Science Skills with Light and Shadows

Utilize the six science process skills through an inquiry-based investigation of light and shadows.

### **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 <a href="mailto:tlawson@cincymuseum.org">tlawson@cincymuseum.org</a> for more details.









## Richard & Lucile Durrell Edge of Appalachia Preserve System

The Richard and Lucile Durrell Edge of Appalachia Preserve System in Adams County, Ohio, is a 21,000-acre nature preserve owned and managed by CMC and The Nature Conservancy in Ohio. The Edge is a perfect outdoor learning lab, with xeric limestone prairies, dolostone outcrops, high quality streams and rare plants and animals. We offer professional development opportunities for both formal and non-formal educators.

### **Educators' Week 2025: Life Beyond the Glacier**

#### June 8 – 13, 2025 Shawnee Lodge and Conference Center in Portsmouth, Ohio

Join formal and non-formal educators for Educators' Week in beautiful Scioto County, Ohio! Engage in enriching, standards-based sessions in a beautiful natural setting and supportive learning environment. Learn from top experts on a wide range of cross-curricular topics and explore new methods that will enhance your skills as an educator. At the conclusion of this unique, retreat-like conference, you will come away with a renewed sense of wonder, a feeling of community and kinship and the confidence to share your new knowledge with others.

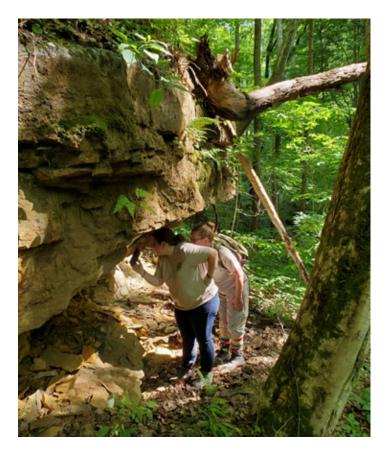
Hosted by the Edge of Appalachia Preserve System and supported by the Miami County Park District, Educators' Week celebrates its 16<sup>th</sup> year at Shawnee State Forest, located in the rugged and rolling foothills of the Appalachian Mountains near Portsmouth, Ohio. Registration cost includes lodging and meals, plus electronic copies of all materials, a t-shirt, notebook and other helpful items.

Visit <u>educatorsweek.com</u> for more information.

### **Educators at the Edge Series 9**

Engage in field-based, experiential learning opportunities at CMC's Edge of Appalachia Preserve System. Explore natural history topics while gaining new skills to use in the classroom. These exciting classes are open to classroom teachers, naturalists and other non-traditional educators. Graduate credit is available through Ashland University, as well as up to 45 contact hours.

For a list of classes and registration information, visit cincymuseum.org/educator-workshops

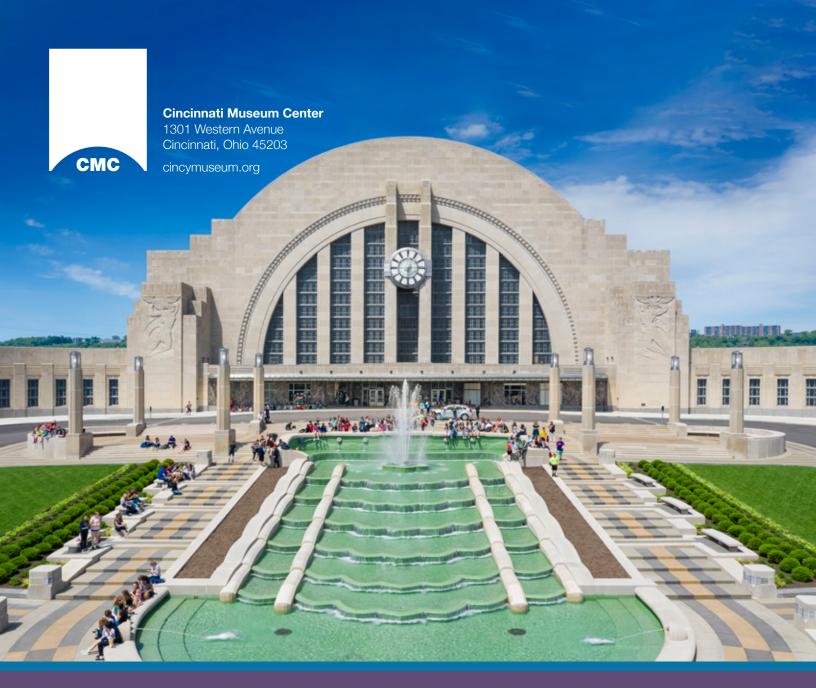






## **Pricing Guide**

	Experience			Cost
	Museum Admission (The Children's	Museum, Cincinnati History Museum	n, Museum of Natural History & Science) per individual	\$12
Admission School groups with a minimum of 15 individuals	Museum Admission with OMNIMA	X® per individual		\$14.50
	Museum Admission with Holiday Junction Featuring the Duke Energy Holiday Trains per individual			\$14.50
	Museum Admission with Nancy & David Wolf Holocaust & Humanity Center per adult/student			\$17/\$14.50
	Robert D. Lindner Family OMNIMAX® Theater per individual			\$6.50
	Holiday Junction Featuring the Duke Energy Hoiday Trains per individual			\$8
	Nancy & David Wolf Holocaust & Humanity Center per adult/student			
	Reserved seating at lunch tables per individual			
	Programs At Union Terminal (Learning Labs)	Early Childhood	Single August 16 – January	\$130
			Single February – August 15	\$145
			2 sessions *	\$240
			3 sessions *	\$330
			4 sessions *	\$415
			Single August 16 – January	\$155
			Single February – August 15	\$175
		Elementary/Secondary Science and Social Studies	2 sessions *	\$280
		Science and Social Studies	3 sessions *	\$390
			4 sessions *	\$480
			Single August 16 – January	\$165
			Single February – August 15	\$180
			2 sessions *	\$300
		Early Childhood	3 sessions *	\$420
			4 sessions *	\$520
			5 sessions *	\$600
	Programs at Your Location		6 sessions *	\$690
	(Programs-on-Wheels)		Single August 16 – January	\$180
Group Educational Programs			Single February – August 15	\$205
			2 sessions *	\$340
		Elementary/Secondary Science and Social Studies	3 sessions *	\$480
		Solence and Social Studies	4 sessions *	\$600
			5 sessions *	\$700
			6 sessions *	\$810
	Exploration Stations	Single Station – per hour (2-hour minimum)		\$175
		0-35 miles		\$0
		36-55 miles		\$50
	Travel fees for Programs at	56-75 miles (minimum of two sessions required)		\$65
	Your Location/Exploration Stations	76-100 miles (minimum of three sessions required)		\$80
		101-125 miles (minimum of four sessions required)		\$95
		Beyond 125 miles (minimum of four sessions required)		Call for price
	Virtual Programs	Early Childhood Group Educational Program		\$125
		Primary/Secondary Science/Social Studies Group Educational Program		\$140
		Virtual Field Trip		Free
		Conversation with an Expert (price per conversation)		\$75
	Additional Presenter Fee	esenter Fee If needed		



### **Stay Connected!**

#### **Email**

General Information

Group Educational Programs

Group Educational Programs

#### **Online**

Cincinnati Museum Center Website
Cincinnati Museum Center Educator Resource Pages

Phone

School Reservations
School & Teacher Partnerships
General Information

schools@cincymuseum.org vhorobik@cincymuseum.org

cincymuseum.org

cincymuseum.org/educators

(513) 287-7021

(513) 455-7166

(513) 287-7000