

YOUR PARTNER IN **EXPLORATION AND LEARNING**  
2018-2019 | **SCHOOL & TEACHER PROGRAMS**



**NEWARK  
MUSEUM**

# 2018-2019 MAJOR EXHIBITIONS & INSTALLATIONS

## **Art of the Ancient Mediterranean: Egypt, Greece & Rome**

An overview of the Newark Museum's classical collection of art from Egypt, Greece and Roman, comprised of nearly 4,500 objects dating from 3000 BC to 600 AD.

## **Arts of Global Africa**

Objects from the museum's Arts of Global Africa collection, which encompass nearly 6,000 works from across the African continent and its global diaspora.

## **Native Artists of North America**

A selection of works from the permanent collection, dating from the early 19th century to the present, including many objects never before exhibited.

## **Dramatic Threads**

Featuring theatrical and political costumes as well as architectural and decorative textiles from diverse areas of Asia—*Dramatic Threads: Textiles of Asia* showcase works that display a wide range of techniques.

## **Kimono Refashioned: 1870s-Now!**

A showcase of more than 40 extraordinary garments created by more than 30 Japanese, European and American designers from the world-renowned collections of the Kyoto Costume Institute and the Newark Museum.

## **Wendy Red Star**

Visually and culturally rich photography, textiles and mixed media sculpture from artist Wendy Red Star are spotlighted in a mid-career survey of her work at the Newark Museum.

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Cover photos:

Dress, 1956, Toshiko Yamawaki (Japanese, 1887-1960). Silk taffeta, Japanese gold-thread embroidery with wave motif. *Collection of The Kyoto Costume Institute, Inv. AC12555 2011-8-35AB, gift from Yamawaki Fashion Art College*

Rufino Tamayo, *Howling Dog (Perro aullando)*, 1960. Lithograph, 22 1/8 x 30 1/8 in. Gift of Marvin Small, 1961 61.458 Art © Tamayo Heirs/Mexico/Licensed by VAGA, New York, NY

Arts of Global Africa gallery

# FOR TEACHERS

## FREE OPEN HOUSE FOR TEACHERS!

**Saturday, September 29, 9 a.m.-1 p.m.**

A world of creativity and innovation is waiting for you! Join us for a day of discovery as you explore the Museum's collections and engage in workshops designed to inspire and educate. The day will include open-ended science activities designed for children ages 3-10 and their families, new ways to incorporate object-based learning and visual thinking strategies into your curriculum using the Museum's extensive collections, new techniques for engaging young learners, opportunities to try your hand at creating a stop-motion masterpieces, 3D modeling, or how algorithms help us to understand art. Refreshments graciously provided by the Newark Museum and Leap into Science. Professional Development Hours available.

Registration is required: send email to: [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

## EDUCATORS EVENINGS

Registration required; send email to: [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

### General Education

**Thursday, January 24, 4-7 p.m. (All grades)**

Teachers are invited to learn methods and skills to engage students to take a deeper look at authentic objects and facilitate conversations through open questioning. Discussions and activities are led by Museum educators and promote higher order thinking, curriculum connection, cultural sensitivity and art integration.

### Heritage

**Thursday, February 28, 4-7 p.m.**

Teachers will participate in a collaborative workshop that is centered around discussions on social and cultural issues. Teachers will engage with selected works of art through observation, conversation and hands-on activities, while learning best practices in teaching about hard-to-discuss topics.

# Women through History

**Thursday, March 28, 4-7 p.m.**

Teachers will be introduced to the artwork by women on view in the Newark Museum's collection in this professional development workshop focused on female representation in the arts. In-gallery workshops will emphasize slow looking activities and conversations that promote critical thinking and storytelling, while discussing the influence of female artists in history. Artists highlighted include Edmonia Lewis, Mary Cassatt and Louise Nevelson.

# NPS 4TH GRADE SPECIAL OPPORTUNITY

**October–December: Native America**

**December–Mid-February: New Jersey and Revolutionary America**

**Mid-February–Mid-April: New Jersey and the Civil War**

**Mid-April–June: New Jersey and the Industrial Revolution**

With support from an anonymous donor, the Museum is pleased to offer Stories of New Jersey through American Art for all NPS fourth-grade students. Based on a traditional scope and sequence, the program is designed to reinforce classroom studies and strengthen skills of observation, description and analysis through the viewing and study of masterworks in the Museum’s collection. The experience also includes gallery tours and hands-on “making” opportunities. We invite teachers to arrange a Museum experience that best meets their curriculum and classroom schedule.

## NEWARK MUSEUM PARTNERSHIPS

The Newark Museum is pleased to offer custom-designed school and museum partnerships to NPS schools. A partnership with Newark Museum consists of multiple visits that are sequential and curriculum based, where each visit builds on the previous one. Collaborating with teachers, Museum educators help develop visual, verbal and written skills that directly support what students learn in school. A multiple visit partnership reinforces student learning by connecting classroom content to authentic objects and introduces teachers and students to a globally recognized local resource that helps them develop a comfort level in new cultural environments and build self-esteem.

# AFTER-SCHOOL PROGRAMS

**After-school programs are available Wednesday, Thursday and Friday**

**Programs begin at 3:30 p.m. and last until 4:45 p.m.**

Extended day programs are offered at the Museum to provide an enriching experience for after-school programs, daycares, camps and clubs. These programs address the core curriculum content standards established by the New Jersey Department of Education and the National Common Core that are led by professional Museum educators. Each program is designed to be age appropriate and uses inquiry/discussion to actively engage school children in object-based learning.

## UPCOMING EVENTS AND PROGRAMS

### Late Thursdays

**October 18, 5-9 p.m.**

**November 15, 5-9 p.m.**

**December 20, 5-9 p.m.**

Creatively inspired social evenings offer a fresh take on the Museum's collections through a dynamic mix of music, food, drinks, art and entertainment. Each evening focuses on a different theme, generating a unique experience.

### Second Sundays

**October 14, noon-5 p.m.**

**November 11, noon-5 p.m.**

**December 9, noon-5 p.m.**

Second Sundays include an engaging mix of performances, tours, demonstrations, workshops and music that enhance the gallery experience. Monthly themes introduce new ways to see the Museum.

Free Registration for event: email [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

## Weekend Family Programs – Ongoing

**Saturdays and Sundays, noon–5 p.m.**

Creative Play Gallery backpacks filled with maps and tools for looking at Museum objects, and Red, Yellow and Blue gallery guides encourage three- to five-year-olds and their families to discover together. Designed to encourage observation and conversation, these are available for free with Museum admission at the Front Desk and in the Education Lobby.

## Saturday Morning Creative Play

Visitors must pre-register by calling 973.596.6672

**First and Third Saturdays, 10 a.m. and 11 a.m.**

Three- to five-year-olds and their caregivers enjoy a special time, before the Museum is open. Explore the Museum’s art and science collections through storytelling, song, playful activities and an art-making activity.

## Family Gallery Programs

**Saturdays, 1–4 p.m.**

Through storytelling, music, movement and/or sketching, families with children of all ages engage with the Museum’s diverse collections. New activities every week highlight a different collection. Meet in the Lobby.

## MakerSPACE Drop-In Programs

**Saturdays, 1–4 p.m.**

Inspired by the Museum’s collections and special events, monthly themes are designed for visitors of all ages to drop in and experiment with artists’ tools and materials. Get messy with clay and paint and found materials, get creative with blocks and digital and computer tools—and stay as long as you like.

## Holiday Fun Days

**December 27–30, 1–4 p.m.**

**Martin Luther King, Jr. Day, January 21, 2019, noon–5 p.m.**

**Autism Awareness Day, April 27, noon–5 p.m.**

# YOUTH PROGRAMS

## Explorers Program

### **2017 National Arts and Humanities Youth Program Award**

On November 9, 2017, representatives from the Newark Museum were in the Nation’s capital to receive an award from all three federal arts and culture agencies—the National Endowment for the Arts (NEA), the National Endowment for the Humanities (NEH) and the Institute of Museum and Library Services (IMLS—on behalf of the Explorers Program. The program was recognized for its effectiveness in promoting learning and life skills in young people by engaging them in creative youth development programs. The after-school program received the 2017 National Arts and Humanities Youth Program Award, the nation’s highest honor for these programs.

The Explorers Program is a college, career and life readiness program that enables Newark-area high school students to build essential skills and self-confidence through a curriculum that draws upon the Museum’s unique collections, resources and staff. Every year, 40 students from diverse backgrounds learn about their passions and strengths, and develop new skills as public speakers, teachers, researchers and leaders. Students are also paid for their participation in the program. Explorers rotate through internships in different areas of the Museum and lead student-designed projects to gain real-life experience in a variety of jobs and fields of study. In addition, students attend workshops focused on leadership training, public speaking, team building, and museum-based art and science projects that promote STEAM (Science, Technology, Engineering, Arts and Mathematics) learning. Group trips to other institutions of culture and learning are another important part of the Explorers experience. Over their three- to four-year tenure in the program, participants must commit to spending six after-school hours per week in the program during the school year, in addition to 30 hours of community service per year, and 25 hours per week each summer.

Since the Program began 23 years ago, more than 270 students have graduated from the Explorers Program. Over the past 10 years, 100 percent of students graduating from the Program attended institutions of higher education. In the summer of 2017, the Program began accepting students in their freshman year of high school.

The Newark Museum Explorers also offer Teen Nights and specially designed tours for teens.

# STUDENT PROGRAMS AT THE MUSEUM

## GENERAL INFORMATION

Programs run October 2018 through June 2019

### How to Register:

**Advance registration is required for all visiting school groups.**

**Due to space limitations, at least one month advance registration is required.**

Call 973.596.6690 (Hearing impaired can call: 711 (TTY))

Fax 973.596.6614 [[registration form hyperlink to the registration form](#)]

Email your registration form to: [schoolgrouppreservations@newarkmuseum.org](mailto:schoolgrouppreservations@newarkmuseum.org)

**If calling, please have your school calendar nearby and be prepared to tell the scheduler:**

1. First, second, third choices for date/time of visit
2. School name, address, phone number
3. Teacher's name, phone number, best time to phone
4. Program(s) you wish to schedule
5. Number of students and chaperones
6. Grade(s)
7. Mode of travel and number of buses/vans/cars
8. Any special needs (limited English language, physical or learning disabilities); the Museum offers barrier-free access

## Fees for Museum Visits

(per person, including students, teachers, all chaperones)

All schools	1 Program	2 Programs
September–October	\$7	\$9
November–December	\$8	\$10
January–June	\$10	\$12

NOTE: Newark Public Schools are FREE (excluding Planetarium programs)

Payment is due on arrival at the South Wing Entrance.

We accept cash; a school check payable to Newark Museum Association (no personal checks will be accepted); credit cards, school purchase orders or money orders.

NOTE: A \$30 booking and processing fee will be added to each reservation (except for Newark Public Schools).

## Visiting Dates and Times

Guided programs are available Wednesday, Thursday and Friday for all school groups.

Guided programs are available on Tuesdays for groups of 100 students or more.

Programs begin at 9:30 a.m., 11:15 a.m. and 12:30 p.m. for elementary, middle and high school programs/students.

Early childhood tours (grades Pre-K-2) begin at 10 a.m., 11 a.m. and noon.

## Group Size

Most programs can accommodate 25–50 students, unless otherwise noted.

We require that groups have one adult chaperone for every 15 students, but no more than one adult for every 10 students.

## Educational Content

All programs led by professional Museum educators address the core curriculum content standards established by the New Jersey Department of Education and the National Common Core. Each program is designed to be age appropriate and uses inquiry/discussion to actively engage school children in object-based learning. Standards addressed for each program can be found on page 40.

## Arrival Time

Plan to arrive 15 minutes before the scheduled tour. Please do not arrive earlier, since there is no group waiting area, and groups are not allowed to tour the galleries without a guide. Please be punctual, as it is not possible to make up lost time with late-arriving groups.

## Lunch

Schools must schedule a time in the Museum's lunchroom if they plan to eat on-site. Otherwise, please bring lunches, since there are no facilities for buying them. Lunches brought in will be collected by Museum staff and delivered to the lunchroom for you.

## Self-Guided Tours

Schools are also welcome for self-guided visits each Wednesday, Thursday and Friday, from 12:30–5 p.m. Pre-registration and Museum admission fees are required for school groups visiting for self-guided touring only.

## Buses/Parking

Drop-off for groups is at the front of the South Wing entrance. Attended on-site parking is available in the adjacent Museum parking lot for vans and cars only, with entrances located at Washington St. and Central Ave. Parking fees (\$10/car or \$16/van, subject to change) must be paid in cash directly to the parking lot attendant. Checks and credits cards are not accepted. Please do not include parking fee in your payment to the Museum.

## Homeschool Groups

The Newark Museum offers a variety of resources and programs that can enrich home-based learning. All curriculum-based school programs can be scheduled for groups of homeschooled students and tailored to their specific needs. Booking procedures for homeschool groups are the same as stated above.

# Frequently Asked Questions

## What should my students know before the trip?

We encourage teachers to cover the content of the program with students before their visit. Having background knowledge to build from creates an optimal learning environment in the Museum. Prior to your trip, please review the following to ensure a successful visit for students, adults, chaperones and aides:

- Touching or climbing on the artwork/sculptures in the galleries is not allowed.
- All bags and backpacks must be left in the Education Lobby.
- Food, drinks, candy and gum are not allowed in the galleries.
- Respect other classes visiting the Museum by using a quiet inside voice.
- Groups must remain together in the gallery space—adults and children alike.
- Be prepared to have fun!

## Can our group tour the galleries on our own during a break?

Because the Museum is not open to the public before noon on Wednesdays, Thursdays and Fridays, groups are not allowed to tour the exhibitions without a Museum staff member. All self-guided tours must be done after 12:30 p.m. on Wednesdays, Thursdays and Fridays. If your group would like to take a self-guided tour on Tuesday afternoons, an additional \$2 per person fee will be added to your group reservation per one-hour tour; advance notice required.

## How should I organize my group before arrival?

Upon registering, a group organizational chart will be sent with your confirmation letter. For larger groups, we encourage teachers to fill out the chart and share it with colleagues and chaperones. To assist in your arrival, we also encourage you to send the School Programs department a copy of the completed organizational chart prior to your trip.

## Where can the school nurse sit?

Should a school nurse accompany your group, there is a designated central location available for seating. Please note that nurses may not walk between groups without a Museum employee.

## What if my group needs special accommodations?

The Museum welcomes all visitors to experience a school program tour. Please contact the School Programs department ahead of time (973.596.6690) if your group should require any special accommodations.

## Cancellation Policy

The Newark Museum requires all group cancellations to be completed in writing via email. Should your group need to cancel or reschedule a trip, you must send an email to [schoolgrouppreservations@newarkmuseum.org](mailto:schoolgrouppreservations@newarkmuseum.org) at least **30 days BEFORE** the scheduled trip date to avoid a cancellation fee. Upon receipt, an email will be sent to you verifying cancellation. Any group that does not send a cancellation email within 30 days of the scheduled trip date will incur a cancellation fee as detailed below:

Groups canceling or rescheduling within **30 days** of a scheduled visit will be charged **50% of the total bill**.

Those canceling or rescheduling within **15 days** of a scheduled visit will be charged the **FULL amount invoiced**.

Cancellation Policy for Newark Public Schools: While school visits are free for Newark Public schools (excluding planetarium programs), the above policy and fees will be applied to all group cancellations. An invoice will be processed using the regular fees for Museum visits, and the cancellation fee will be applied accordingly.

**The booking fee is not refundable.**

## Newark Museum Junior Shop

There is a small gift shop located in the Museum's Education Lobby featuring inexpensive souvenirs and gifts specifically for children to purchase. The Junior Shop is available to school groups, depending on the number of other student visitors. Please estimate a 30-minute visit for 20 children. Pre-packaged souvenir bags (\$5) are also available; order them 21 days in advance by calling 973.596.6678.

# Gallery Lessons & Workshops

EARLY CHILDHOOD PROGRAMS (GRADES PRE-K – 2)

## ARTS AND HUMANITIES

### African Adventure

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Explore culture and art in the African collection as students learn about community and traditions through hands-on activities and storytelling.

The *African Adventure* program fosters early learning skills including:

- Investigative thinking as they identify the differences in various African communities, while drawing comparisons to their own community
- Vocabulary development by connecting the meaning of new domain-specific words to vocabulary already known
- Collaborative communication as they contribute to group discussions while posing and listening to different viewpoints

### ArtSmart

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

This program helps children discover line, shape, color and texture in paintings and sculptures from around the world. Students become artists as they participate in a group sculpture activity, storytelling and creating artwork from scratch to take home.

The *ArtSmart* program fosters early learning skills including:

- Artistic understanding as children identify the basic elements of art and principles of design in diverse types of artwork
- Creative thinking and new vocabulary building as they integrate color, form, lines and shapes into their artwork
- Collaborating with peers and teachers to stimulate the creative process

# Discovering the Five Senses

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Discover the five senses through an exploration of the Asian art galleries. Students will be introduced to the Tibetan Buddhist altar to observe and discuss how taste, smell, touch, sound and sight are represented. Students will also participate in hands-on gallery activities and group discussions to connect what they experience at the Museum to their own lives.

During the program, students demonstrate early learning skills including:

- Critical thinking as they compare and contrast art and artifacts to their own experiences
- Developing a literary vocabulary with content-specific words

# My Community: Discovering What Makes a Community

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

What are the elements that make communities special, and how do they differ around the world? Students will draw, write and read about communities found in their own backyard and in the Museum's collections from around the world.

During *My Community*, students foster early learning skills including:

- Demonstrating an awareness of one's own culture and other cultures
- Contributing to group discussions with peers and teachers
- Developing vocabulary and higher-order thinking by viewing artworks

# Native American Adventure

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Visit our Native Artists of North America galleries and learn how Native Americans used natural resources for food, clothing and shelter. Children can touch artifacts including a buffalo horn and a cradle, listen to a Native American story, and design a traditional carry-bag called a parfleche with pictographs.

During the *Native American Adventure* program, students demonstrate early learning skills including:

- Critical thinking as they discuss the differences between their culture and the Native American community
- Literacy development as they participate in an interactive reading exercise to understand the components of a story
- Artistic observation while identifying the materials and purposes of Native American artworks

# ART AND SCIENCE

## Animals and Habitats

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Examine animals and their habitats by exploring the biomes exhibited in our Dynamic Earth galleries. Students will learn about a variety of animals and how they survive in different environments through looking activities, hands-on learning and kinetic experiences.

*Animals and Habitats* develops early learning skills as students:

- Contribute to group discussions with the Museum educator and peers while integrating personal accounts with newly gained facts about animals
- Connect the meaning of new words to their established vocabulary
- Develop artistic creativity and motor skills during the culminating exercise

## Dynamic Earth

**10 a.m., 11 a.m. and noon; 60 minutes; limit 25 students**

Discover the forces that constantly change our planet through a tactile tour of our science exhibit Dynamic Earth. Children will examine real fossils and other specimens as they learn about the living and nonliving things that fill our Earth.

Students will be able to:

- Examine the structure of animals and figure out the function of each part
- Observe how wind and water change the shape of the land
- Learn about changes in the Earth that took place over a long time

## MakerSPACE Stop-Motion Animation

**10 a.m., 11 a.m. and noon; 60 minutes; limit 25 students (K-2)**

From Disney's *Fantasia* to Warner Brothers *LEGO Movie*, animation, film and video are used by artists to create narratives that transport viewers through time and place. Ever since the technologies were developed, these techniques have told stories, using characters and scenes, to bring viewers on a journey that enhances or reimagines reality. Students will tour the galleries, view artful approaches to the personification of objects, study emotive uses of color and experience storytelling with symbolism to find subjects and scenes to develop into personalized stories. Then, using tablets, students will capture, edit and share their own Museum-inspired motion pictures.

Students will be able to:

- Develop stories that have personal and cultural meaning
- Learn about the technology and concepts used to create motion pictures
- Construct meaning, present their point of view, and share their own ideas through gallery investigations and making experiences.

## Movement and Motion

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Students will explore objects that move and understand how artists use movement and motion in their work. Students will identify various forms of movement, including push and pull, speed and direction through observation and discussion, kinesthetic learning and hands-on activities.

*Movement and Motion* develops early learning skills as students:

- Explain how strength effects pushes and pulls
- Use proper vocabulary to describe the movement of an object
- Collaborate with peers through group discussion and activities

## Safari Trip

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

Embark on a group safari as you tour a variety of the Museum's galleries to hunt for different species of animals. Touch real animal artifacts, listen to an animal tale and create an animal from modeling clay to take home.

*Safari Trip* develops early learning skills as students:

- Contribute to group discussions with the Museum educator and peers while integrating personal accounts with newly gained facts about animals
- Connect the meaning of new words to their established vocabulary
- Develop artistic creativity and motor skills during the culminating exercise

## Saturday Morning Creative Play

Visitors must pre-register by calling 973.596.6672

**First and third Saturdays, 10 a.m. and 11 a.m.**

Three- to five-year-olds and their caregivers enjoy a special time, before the Museum is open. Explore the Museum's art and science collections through storytelling, song, playful activities and an art-making activity.

# ARTS AND HUMANITIES

## Arts of the Ancient Mediterranean

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit 25 students**

Students become archaeologists as they observe the artifacts of the newly designed Ancient Mediterranean galleries to discover what life was like in ancient Egypt or ancient Greece and Rome. Students also create a clay scarab (Egypt) or sculpture (Greece and Rome) in our art studio.

*Arts of the Ancient Mediterranean* develops student skills as they:

- Analyze cultural objects for their historical and artistic value
- Determine how geography and the availability of natural resources influenced the development of political, economic and cultural systems
- Work individually to create three-dimensional work of art that make cohesive visual statements and that employ the elements of ancient principles of design.

## Building Bridges: Exploring Communities around the World (Grades 3–5)

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

Take a trip through the Museum's vast collection of art from around the world and explore diverse cultures and their similarities while learning respect for the identity of others on an individual, community, national or global level.

*Building Bridges* develops students' learning skills by enabling them to:

- Draw comparisons between their own lives and those of others around the world
- Analyze cultural objects for their historic and artistic value

## The Ballantine House Mystery: “Who Done It?” (Grades 3–5)

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

Students become detectives as they step into the Victorian era through an exploration of the Ballantine House to find the home’s missing jewels! Collaborating as a team, students will solve the mystery using clues they find in the house’s gilded rooms and vast display of ornate objects.

*Who Done It?* nurtures skill sets for students as they:

- Explore the community of Newark during the turn of the century and draw comparisons to communities today
- Compare family life for children living during the Victorian Era to modern times
- Recognize a problem and brainstorm ways to solve it collaboratively

## Early America (Grades 3–5)

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

Students will be transported to the 18th and 19th centuries upon entering the Museum’s authentic one-room schoolhouse (ca. 1784) and by studying artworks in the American Art galleries. Students will also write with quill pens during an 18th-century penmanship lesson.

*Early America* develops student learning skills including:

- Analyzing cultural objects for their historical and artistic value
- Assessing the changes in technology, society and government from the birth of America to modern times, as seen in the Museum’s collection
- Developing abstract thought and higher-order thinking that is stimulated by guided viewing of American artworks

## Express Yourself: Exploring the World through Art

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

These hands-on, minds-on gallery workshops are designed to heighten observation and critical thinking skills by focusing on aesthetics and critique. Presentations include cross-curricular activities that combine language arts literacy, social studies and visual arts to develop skills in line with the NJ ASK and GEPA tests.

*Express Yourself* cultivates literary, artistic, analytic and critical thinking, as well as collaborative skills for students as they:

- Create written responses to artworks found in the Museum’s collections
- Contribute to group discussions with peers and educators by listening to and posing different viewpoints
- Develop abstract thought and higher-order thinking that is stimulated by guided viewing of art
- Identify artistic elements in select masterworks of American art and deduce their significance to interpreting American history

Choices include:

### **Express Yourself: American Art**

(Modern and Contemporary Art will not be on view due to reinstallation of the 2nd floor American Art galleries. They will reopen March 2019.)

Discover symbols and stories in American art from the 18th, 19th and 20th centuries. Choose from themes:

- Highlight Tour
- Western Expansion
- Light Tour
- Food in Art
- Gender Tour

### **Express Yourself: Asian Art**

Travel throughout Asia in our new gallery installations of art from China, Korea, Japan, India, Southeast Asia and Tibet.

### **Express Yourself: African and African-American Art**

Connect links between utilitarian function and aesthetics in traditional approaches to art in Africa and explore the history and contemporary ideas in creations by African-American artists.

## **Native Artists of North America (Grades 3-5)**

(See page 29 for related Earth, Moon and Sun planetarium program.)

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

Compare and contrast traditional and modern ways of life through the tools, baskets, pottery and clothing produced by Native Americans. Using inquiry-based learning, students will learn how Contemporary Native Artists use traditional techniques and designs to innovate in their work. Students will also create clay bowls in the style used by the Hopi people of the Southwest.

Through *Express Yourself: Native American Art*, students foster a variety of skills as they:

- Use writing skills to develop a reaction piece based on artwork found in the collection
- Contribute to group discussions while posing and listening to different viewpoints
- Analyze cultural objects for their historical and artistic value
- Identify the differences in various Native American communities and compare them to our community

# ART AND SCIENCE

## Water, Water Everywhere!

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 25 students**

Using scientific investigation and experiments, students discover the properties of water and nature's water cycle. Then they'll examine and sketch water through artists' eyes in the Museum's American Art galleries.

*Water, Water Everywhere!* promotes investigative skills as students:

- Actively engage in the scientific process while conducting water experiments in a lab
- Work collaboratively with peers to perform experiments
- Assess artworks for their artistic and scientific value

## MakerSPACE Stop-Motion Animation

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 150 minutes; limit: 25 students**

From Disney's *Fantasia* to Warner Brothers *LEGO Movie*, animation, film and video are used by artists to create narratives that transport viewers through time and place. Ever since the technologies were developed, these techniques have told stories, using characters and scenes, to bring viewers on a journey that enhances or reimagines reality. Students will tour the galleries, view artful approaches to the personification of objects, study emotive uses of color, and experience storytelling with symbolism to find subjects and scenes to develop into personalized stories. Then, using tablets, students will capture, edit, and share their Museum-inspired motion pictures.

*Stop-Motion Animation* enables students to:

- Develop stories that have personal and cultural meaning
- Learn about the technology and concepts used to create motion pictures
- Construct meaning, present their point of view, and share their own ideas through gallery investigations and making experiences.

# SCIENCE GALLERY

## Dynamic Earth

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 25 students**

Students explore the ever-changing Earth from 4.6 million years ago to the present, mapping the connections between climate, geology and the life that inhabits it. They will also study ancient fossils and investigate the incredible adaptations of living plants and animals.

Themes to choose from:

- Fossils
- Prehistoric New Jersey Adaptation

*Dynamic Earth* enables students to:

- Connect the changes in the Earth and weather to the survival or extinction of some species of plants and animals
- Understand that particular organisms can only survive in particular environments
- Demonstrate an understanding of the motion of tectonic plates and its consequences
- Connect to New Jersey's history through fossils, landforms and rocks

## MIDDLE AND HIGH SCHOOL PROGRAMMING (GRADES 7–12)

### ARTS AND HUMANITIES

#### Arts of the Ancient Mediterranean

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit 25 students**

Students become archaeologists as they observe the artifacts of the newly designed Ancient Mediterranean galleries to discover what life was like in ancient Egypt or ancient Greece and Rome. Students also create a clay scarab (Egypt) or sculpture (Greece and Rome) in our art studio.

*Arts of the Ancient Mediterranean* develops student skills as they:

- Analyze cultural objects for their historical and artistic value
- Determine how geography and the availability of natural resources influenced the development of political, economic and cultural systems
- Work individually to create three-dimensional work of art that make cohesive visual statements and that employ the elements of ancient principles of design.

#### Ballantine House: Family Life in the Gilded Age

**9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students**

Students step back in time as they visit the 1885 Ballantine family home. Here they will learn how modern American family customs and technology — including formal rituals for “visiting” and proper dinner etiquette for seven-course meals — had their origins in the Victorian Era. Students will also discover what Mark Twain meant when he called it The Gilded Age.

The *Ballantine House* program develops students' skills as they:

- Analyze the different roles of people living during the 1880s, including an assessment of their impact on the larger societal and technological implications of the time
- Compare the societal norms of the Victorian Era and draw comparisons to daily life in modern society
- Develop higher-order thinking through the practice of artistically based guided questioning

# Express Yourself: Exploring the World through Art

9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 50 students

Hands-on, minds-on gallery workshops are designed to heighten observation and critical-thinking skills by focusing on aesthetics and critique. Presentations include cross-curricular activities that combine language arts literacy, social studies and visual arts to develop skills in line with the NJ ASK and GEPA tests.

*Express Yourself* cultivates literary, artistic, analytic, critical thinking and collaborative skills for students as they:

- Create written responses to artworks found in the Newark Museum collection
- Contribute to group discussions with peers and educators by listening to and posing different viewpoints
- Develop abstract thought and higher-order thinking that is stimulated by guided viewing of art
- Identify artistic elements in select masterworks of American art and deduce their significance to interpreting American history

Choices include:

## **Express Yourself: American Art**

(Modern and Contemporary Art will not be on view due to reinstallation of the second floor American Art galleries. They will reopen March 2019.)

Discover symbols and stories in American art from the 18th, 19th and 20th centuries.

Choose from themes:

- Western Expansion
- Highlight Tour
- Light Tour
- Food in Art
- Gender Tour

## **Express Yourself: Asian Art**

Travel throughout Asia in our new gallery installations of art from China, Korea, Japan, India, Southeast Asia and Tibet.

## **Express Yourself: African and African-American Art**

Connect links between utilitarian function and aesthetics in traditional approaches to art in Africa and explore the history and contemporary ideas in creations by African-American artists.

# ART AND SCIENCE

## Water, Water Everywhere! (Grades 7–8)

9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 25 students

Using scientific investigation and experiments, students discover the properties of water and nature’s water cycle. They’ll then examine and sketch water through artists’ eyes in the Museum’s American Art galleries.

*Water, Water Everywhere!* promotes investigative skills as students:

- Actively engage in the scientific process while conducting water experiments in a lab
- Work collaboratively with peers to perform experiments
- Assess artworks for their artistic and scientific value

## MakerSPACE Stop-Motion Animation

9:30 a.m., 11:15 a.m. and 12:30 p.m.; 150 minutes; limit: 25 students

From Disney’s *Fantasia* to Warner Brothers *LEGO Movie*, animation, film and video are used by artists to create narratives that transport viewers through time and place. Ever since the technologies were developed, these techniques have told stories, using characters and scenes, to bring viewers on a journey that enhances or reimagines reality. Students will tour the galleries, view artful approaches to the personification of objects, study emotive uses of color, and experience storytelling with symbolism to find subjects and scenes to develop into personalize stories. Then, using tablets, students will capture, edit, and share their Museum-inspired motion pictures.

*Stop-Motion Animation* enables students to:

- Develop stories that have personal and cultural meaning
- Learn about the technology and concepts used to create motion pictures
- Construct meaning, present their point of view, and share their own ideas through gallery investigations and making experiences.

# SCIENCE GALLERY

## Dynamic Earth

9:30 a.m., 11:15 a.m. and 12:30 p.m.; 75 minutes; limit: 25 students

Students explore the ever-changing Earth from 4.6 million years ago to the present, mapping the connections between climate, geology and the life that inhabits it. They will also be able to study ancient fossils and investigate the incredible adaptations of living plants and animals.

Themes to choose from:

- Fossils
- Prehistoric New Jersey NEW!
- Adaptation

*Dynamic Earth* teaches students how to:

- Connect the changes in the Earth and weather to the survival or extinction of some species of plants and animals
- Understand that particular organisms can only survive in particular environments
- Demonstrate an understanding of the motion of tectonic plates and the resultant consequences

## Design Your Own Museum Tour

High school curriculum supervisors and teachers are invited to design their own tour, linking the Museum's collection to school curriculum. Choices include American Art & History, Asian Art and Native American Art. For details, contact the Manager of School and Teacher Programs at 973.596.6560, or send an email to: [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

## Design your own OPEN MAKING experience

High school curriculum supervisors and teachers are invited to design their own project-based learning activity, linking the Museum's collections to school curriculum. For details, contact the Manager of School and Teacher Programs at 973.596.6560, or send an email to [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

# Planetarium Programs

New Jersey's Place for Space!

The Alice and Leonard Dreyfuss Planetarium uses state-of-the-art digital, Full Dome high-resolution video projectors and a surround-sound system to bring students closer to the cosmos than ever before. The planetarium also features exciting new programs that will immerse students in an exciting learning environment. Each planetarium program includes audience participation and a question/answer period with a Museum astronomer.

## Group Size

The Planetarium seats a maximum of 50. The total number of students and adults may not exceed 50 or the number of seats stated on your confirmation. Larger groups can be split. Minimum group size is 10 students. Barrier-free seating is available.

## Program Times

Programs must begin on time, so please plan accordingly.

**Times available: Wednesdays, Thursdays and Fridays  
at 9:30 a.m., 11:15 a.m. and 12:30 p.m.**

All Planetarium programs are approximately 45 minutes long.

Please note: The Planetarium is very popular, so you'll want to make sure you schedule your visit well in advance.

Planetarium renovations are made possible by a grant from the National Aeronautics & Space Administration (NASA).

## One World, One Sky (Pre-K and K; ages 4-6)

Sesame Street's Big Bird, Elmo and Hu Hu Zhu learn about the Sun, the Moon, and the stars and constellations of the nighttime sky.

*One World, One Sky* allows students to:

- Observe the Moon's phases, day and night motion of the Sun and stars, and constellations in the sky
- Make connections between their lives to cultures around the world
- Understand the importance of community and neighborhood

## Magic Sky (Pre-K and K; ages 4-6)

Students will watch a beautiful sunset, explore the stars, make friends with the constellations and then meet Mr. Moon, who shows them his phases and craters.

*Magic Sky* enables students to:

- Analyze the role of the Moon and its impact on Earth
- Assess the relationship between the Sun and stars to day and night
- Compare constellations in the sky

## The Moon (Grades K-2)

The Moon incorporates live interactive teaching with a Planetarium program that has been designed to enrich discussion and interaction. Join a young boy as he discovers the wonders of the Moon.

*The Moon* encourages students to:

- Analyze the energy emitted from the Sun
- Observe sunspots on the surface of the Sun and aurorae on Earth
- Discover the cultural importance of the Sun throughout the world

## The Little Star That Could (Grades K-2)

A lonely little star embarks on a journey through the galaxy. Along the way he meets different stars, the Milky Way and is introduced to the planets.

*The Little Star That Could* develops student skills as they:

- Identify the Sun and planets of our solar system
- Compare different types of stars, galaxies and star clusters

## Secret of the Cardboard Rocket (Grades 1-3)

A brother and sister make a rocket ship out of a cardboard box and set off on a whirlwind tour of the planets — from sizzling-hot Mercury to icy Pluto.

*Secret of the Cardboard Rocket* fosters student skills as they:

- Compare planets and dwarf planets
- Assess the role of the Sun in the solar system

## The Zula Patrol — Under the Weather (Grades 1-4)

The heroes of the Zula Patrol are on a mission to collect samples of weather for scientist Multo's research. Along the way, the team learns all about weather on Zula and on other planets.

*The Zula Patrol — Under the Weather* builds students' understanding as they:

- Analyze different forms of weather
- Compare the weather on Jupiter, Venus and Mars to Earth

## The Zula Patrol 2 — Down to Earth (Grades 1-4)

*Enhance your visit by scheduling the Dynamic Earth science exhibit tour; see pages 16 and 21 for details.*

The Zula Patrol finds that someone has been traveling back to Earth's prehistoric past to dump toxic trash! On their mission, the Zula Patrollers learn all about the formation and development of Earth, but must find and catch the culprit before it's too late!

*Zula Patrol 2—Down to Earth* enables students to:

- Assess the formation and evolution of Earth
- Examine fossils, dinosaurs and other forms of life from Earth's past
- Develop a plan for keeping Earth's environment clean

## SkyQuest (Grades 1-4)

Come along with a young astronomer on her personal quest to find a special place in the night sky. She shares her telescope views of the Moon and planets and points out stars and constellations.

*SkyQuest* develops students' knowledge as they:

- Examine the phases of the Moon
- Compare different types of stars
- Observe the constellations and planets visible in the night sky

## Earth, Moon and Sun (Grades 3-5)

See page 20 for related Native American gallery tour.

Explore the relationship between the Earth, Moon and Sun. With the help of Coyote and Native American stories, students will learn about Moon phases, eclipses, constellations and more!

*Earth, Moon and Sun:*

- Analyzes the relationship of the Sun and Moon
- Explains the eclipses and Moon phases
- Details Native American traditions and folklore

## Legends of the Night Sky—Orion (Grades 3-5)

See page 22 for related Ancient Greece gallery tour.

Take an imaginative look at the stories and legends of Orion, the great hunter of the winter sky. Greek mythology will never seem the same once you've seen this fun-filled production.

*Legends of the Night Sky* introduces students to:

- The constellations of Orion, Canis Major and Canis Minor
- One of the many mythological stories connecting these constellations in the winter sky

## Legends of the Night Sky (Grades 3-5)

See page 22 for related Ancient Greece program.

Take an imaginative look at the stories and legends of Greek mythology. Choose between the tales of the heroes Perseus and Princess Andromeda or the great hunter, Orion.

*Legends of the Night Sky* introduces students to:

- The constellations of Orion, Canis Major and Canis Minor, or the constellations of Perseus and Andromeda
- One of the many mythological stories connecting these constellations in the night sky

## Constellations Tonight (Grades 4-8)

Join our astronomers for a live interactive tour of the beautiful stars, constellations and planets that cross overhead nightly. The patterns found in the sky reveal the answers to some of the most important questions about the universe.

*Constellations Tonight* develops students' knowledge as they:

- Examine the Sun, Moon, stars and galaxies in our universe
- Observe constellations through the seasons of the year
- Are introduced to the theory of the Big Bang and cosmology

## Force 5 (Grades 4-8)

Discover the awesome fury of tornadoes, hurricanes and thunderstorms. Join us for an incredible look at Earth's weather in all its many forms.

*Force 5* fosters student learning as they:

- Compare hurricanes, tornadoes and other weather patterns of Earth
- Identify coronal mass ejections and aurorae

## Oceans in Space (Grades 4-8)

Search for extraterrestrials, learn how life on Earth began and what conditions are necessary to form and sustain it. Students are also introduced to the diversity of our home planet.

*Oceans in Space* develops students' ability to:

- Assess the possibility of life on other worlds
- Identify the characteristics of Earth that have allowed the evolution of life

## Navajo Sky (Grades 5-12 and adults)

Join a Navajo family as they listen to their elders telling fascinating stories about Native American constellations that have been passed on from generation to generation.

This planetarium show is presented in Navajo and English.

Note: available October through March only.

## Tales of the Maya Skies (Grades 5-12 and adults)

This is an immersive experience in Maya science, art and mythology that transports participants back into the world of the Maya. Learn about the Mayas' accurate astronomical achievements and how astronomy connected them to the universe.

*Tales of the Maya Skies:*

- Details Maya mythology and culture
- Compares ancient Maya constellations to those of today
- Analyzes the Maya calendar, mathematics and alignment of buildings to celestial events

## Eclipse: The Sun Revealed — NEW! (Grades 6-12 and adults)

Experience a total solar eclipse. This new planetarium show explores the fascinating history, science and impact of eclipses. Discover how celestial bodies align to give us these incredible events. Learn how to safely view an eclipse and hear a gripping firsthand account of what it is like to stand in the shadow of the Moon!

## Origins of Life (Grades 6-12 and adults)

Take your students on an inspirational journey through time and a celebration of life on Earth. Travel from the depths of the oceans to the far reaches of space to explore the Big Bang, the birth of stars, the formation of solar systems and the first life on Earth.

*Origins of Life* develops students' knowledge as they:

- Observe the Big Bang and the beginnings of our universe
- Examine the formation of the solar system
- Assess the evolution of life on Earth

## Extreme Planets (Grades 6-12 and adults)

*Enhance your visit by scheduling the Dynamic Earth science exhibit tour; see page 25 for details.*

Explore the extreme planets of our own solar system and beyond. Discover worlds with oceans of molten rock, where night never falls and where aurorae perpetually dance across the starry sky.

*Extreme Planets* fosters student learning as they:

- Identify the locations of extrasolar planets in our galaxy
- Compare extrasolar planets to those of our solar system
- Assess the possibility of life on other worlds

## Black Holes (Grades 6-12 and adults)

They lurk in the Universe like cosmic dragons: unseen voids with the energy of a million suns. They can devour entire stars once in their grasp and nothing — not even light — can escape. Discover their true nature as you experience an intense voyage to a black hole!

*Black Holes* builds students' understanding as they:

- Observe how black holes form in space
- Analyze the various parts of a black hole
- Examine Einstein's theory of relativity

## Seven Wonders (Grades 6-12 and adults)

*See page 22 for related Arts/Humanities gallery programs.*

Earth was once home to seven amazing wonders, built by extraordinary civilizations in our distant past. Inspired by these mysteries, voyage through time and space to discover the seven wonders of our universe.

*Seven Wonders* enables students to:

- Examine the seven ancient wonders of Earth, their locations and the cultures who built them
- Observe other wonders of our universe, including the planets of our solar system, galaxies and star clusters

## Stars of the Pharaohs (Grades 6-12 and adults)

*See page 22 for related Ancient Egypt gallery tour.*

Travel through the temples, tombs and the skies of Egypt long past to discover the connection the ancient Egyptians felt with the stars and some of the most spectacular sites of the ancient world.

*Stars of the Pharaohs:*

- Examines Egyptian culture and mythology
- Identifies ancient Egyptian constellations
- Tours ancient Egyptian temples and burial sites

## Skywatchers of Africa (Grades 6-12 and adults)

*See page 23 for related Express African Art.*

From generation to generation, Africans have passed down diverse beliefs and traditions highlighting their important connections with the heavens. Under the clear night skies of Africa, witness how its peoples once used their astronomical observations to help grow food, tell time, find their way through harsh lands and mold their lives.

*Skywatchers of Africa:*

- Examines African culture and mythology
- Identifies African constellations and beliefs about the sky

## Heart of the Sun (Grades 6-12 and adults)

Experience our nearest star, the Sun, from a new perspective. This planetarium show takes you inside the Sun in breathtaking high definition! Heart of the Sun reveals how the development of our whole cosmology has been influenced by our struggle to understand the Sun, as this living star continues to challenge our imagination today.

*Heart of the Sun* fosters student skills as they:

- Analyze the energy emitted from the Sun
- Observe sunspots on the surface of the Sun and aurorae on Earth
- Discover the cultural importance of the Sun throughout the world

**Note:** *These programs can also be presented at your school in Skylab, our portable planetarium. See page 37 for details.*

# NEWARK MUSEUM IN THE CLASSROOM: OUTREACH PROGRAMS FOR STUDENTS

## In-School Visits

### **General Information**

A Museum educator can come to your classroom with touchable objects and visual media to teach science, art and astronomy. The outreach programs are also available for after-school programs and clubs. These programs are designed to address the New Jersey Curriculum Standards and Common Core Standards. A full listing of the standards addressed can be found on page 40.

### **Group Sizes**

These are classroom programs, led by a Museum Educator. They are not intended for large assemblies and are limited to 25 students. Program lengths range from 45 minutes to one hour.

### **Availability**

Wednesdays, Thursdays and Fridays starting at 10 a.m.

## Outreach Fees

For schools within 40 miles of the Museum: \$400 for two sessions, \$550 for four sessions of the same program. Fees vary for schools outside this region; please call for details. Any additional time requested will be billed at \$100 per hour.

## Payment

Payment is due when the outreach program takes place. Please make your school check or money order payable to Newark Museum Association. School purchase orders accepted for all school and teacher programs. Personal checks are not accepted.

## Cancellations

Cancellations or reductions in group size by 10 or more students within two weeks of a scheduled visit will be charged 50% of final cost of programs. Cancellation the day of the visit will require/incur a fee equal to the FULL amount invoiced.

## How to Register

Advance registration is required for all outreach programs.

Call 973.596.6690

Fax 973.596.6614 (a registration form can be found at [newarkmuseum.org/schoolinfo.html](http://newarkmuseum.org/schoolinfo.html))

Email the form to: [schoolgroupreservations@newarkmuseum.org](mailto:schoolgroupreservations@newarkmuseum.org)

Hearing impaired please call: 973.596.6355 (TTY)

# ART AND HUMANITIES

## ArtSmart (Grades Pre-K-2)

Discover line, shape, color and texture in images from around the world. Students become artists as they participate in a group sculpture activity, storytelling and creating artwork from scratch to take home.

The *ArtSmart* program fosters early learning skills that include:

- Artistic understanding as children identify the basic elements of art and principles of design in diverse types of artwork
- Creative thinking and new vocabulary understanding as they learn to integrate color, form, lines and shapes into their artwork
- Collaboration with peers and teachers to stimulate the creative process

## My Community: Discovering What Makes a Community (Grades Pre-K-2)

**10 a.m., 11 a.m. and noon; 60 minutes; limit: 20 students**

What are the elements that make communities special, and how do they differ around the world? Students will draw, write and read about communities found in their own backyard, the museum artworks, and in collections from around the world.

During *My Community*, students foster early learning skills including:

- Demonstrating an awareness of one's own culture and other cultures
- Contributing to group discussions with peers and teachers
- Developing vocabulary and higher-order thinking by viewing art works

# ART AND SCIENCE

## Safari Trip (Grades Pre-K-2)

Embark on a group safari to hunt for different species of animals. Touch real animal artifacts, listen to an animal tale, and create an animal from modeling clay to take home.

*Safari Trip* develops early learning skills as students:

- Contribute to group discussions with the Museum educator and peers while integrating personal accounts with newly gained facts about animals
- Connect the meaning of new words to their established vocabulary
- Develop artistic creativity and motor skills during the culminating exercise

# SCHOOL PARTNERSHIPS

The Newark Museum is pleased to offer custom-designed school and museum partnerships. A partnership with Newark Museum consists of multiple visits that are sequential and curriculum-based, where each visit builds on the previous visit. Collaborating with teachers, Museum educators help develop visual, verbal and written skills that directly support what students learn in school. A multiple-visit partnership reinforces student learning by connecting classroom content to authentic objects and introduces teachers and students to a globally recognized local resource that helps them to develop a comfort level in new cultural environments and build self-esteem.

## ASTRONOMY PLANETARIUM SHOW

### **SKYLAB: A Portable Planetarium (Grades Pre-K-12)**

The Planetarium's astronomy experts set up an inflatable dome in a gym or multipurpose room. SKYLAB features a high-resolution digital projector. Programs listed below are presented live by our astronomers; all shows include a live tour of the sky. All of the Planetarium programs described on pages 26-33 can be presented at your school in SKYLAB, our portable planetarium.

#### **Requirements**

- Site must provide a space (no smaller than 25 ft. x 25 ft. and 14 ft. high) with at least one working electrical outlet in the room. A school gymnasium normally fits this requirement. SKYLAB cannot be set up outdoors. Make sure that light fixtures and other items do not hang into the room.
- One teacher must remain inside the SKYLAB with his or her class at all times.
- The portable planetarium is not recommended for children under the age of four.
- Limit: 25-30 students per program, a maximum of four programs per day. (There is a 30-student maximum for Pre-K-K; 25 for all other grades.)
- SKYLAB is not soundproof; no other activities should be scheduled nearby.

## Email List

To make sure you receive up-to-date information about the Newark Museum's programs for schools and teachers, please send us your email address. We won't overload you with messages and send only select messages about upcoming special events and opportunities that will support your educational needs. To sign up, please send your name and email address to: [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

## Professional Development for Teachers

The Museum provides a range of professional development programs for teachers. All of these programs emphasize the significance of teaching with objects and the collections. Theory, practice and teaching resources are included. Most programs are interdisciplinary, addressing the core curriculum standards established by the New Jersey Department of Education.

## How to Register

Teachers and Curriculum Supervisors are invited to schedule professional development sessions at the Museum or in school districts. These sessions are also available using videoconferencing technology. For more information or to schedule a session, contact Director of School, Youth and Family Programs, 973.596.6603 or send an email to: [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

Please make checks or money orders for professional development programs payable to Newark Museum Association. School purchase orders are accepted for all school and teacher programs.

Topics and schedules are by request and contingent upon current exhibitions and gallery availability. There is a minimum of 10 teachers per session, with a 25-person maximum.

## Fees

Fees \$30 per teacher for 2 ½ hours; \$50 per teacher for five hours.

There is a \$10 material fee per teacher for science sessions at your school.

Box lunches for sessions at the Museum are available for advance purchase from the Museum café.

Early Childhood Professional Development sessions are limited to 2 ½ hour sessions.

Professional Development Topics:

- Arts Integration
- Curriculum Development
- Inquiry-based Learning
- Maker
- Object-based Learning
- Project-based Learning
- STEM

Build your own professional development workshop by contacting our Director of School, Youth, and Family Programs at 973.596.6603, or send an email to [teacherresources@newarkmuseum.org](mailto:teacherresources@newarkmuseum.org)

# CURRICULUM STANDARDS ADDRESSED

## **African Adventure (Grades Pre-K-2)**

### **Related NJ Core Curriculum Content Standards:**

Social Studies: 6.1.P.B.1-2, 6.1.P.D.3-4, 6.2.8.A.4.a-c, 6.2.8.B.4.a-c

Language Arts Literacy (Common Core) 3.3.3.A, B, C; 3.3.5.A, B; 3.3.8.A, B

Visual Arts: 1.1.2.A.3, 1.1.2.B.3-4, 1.1.2.C.3, 1.2.2.A.1-2, 1.3.P.A.1-6, 1.3.2.A.2, 1.3.P.B.1-6, 1.3.2.B.1-3

## **Art of the Ancient Mediterranean (Grades 3-12)**

### **Common Core: English Language Arts**

W.3.10; W.4.10; W.5.10; W.6.10; W.7.10; W.8.10

SL.3.1-4; SL.3.6; SL.4.1-4; SL.4.6; SL.5.1-4; SL.1-6; SL.6.1-3; SL.6.6; SL.7.1-3; SL.7.6; SL.8.1-3; SL.8-6

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.2.8.A.2.a-c, 6.2.8.B.2.a-b, 6.2.8.C.2.a, 6.2.8.D.2.a-d

Visual Arts 1.1.2.D.1-2, 1.1.5.D.1-2, 1.2.2.A.2, 1.2.5.A.1-2, 1.3.2.D.1-5, 1.3.5.D.2, 1.3.5.D.4, 1.4.5.A.2-3

## **ArtSmart (Grades Pre-K-2)**

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.P.A.1, 6.1.P.D.3

Language Arts Literacy (Common Core) 3.3.3 A, B, C; 3.3.5 A, B; 3.3.7 A, B; 3.3.8 A,B

Visual Arts 1.1.2.D.1-2, 1.3.P.D.1-6, 1.3.2.D.1-4, 1.4.P.A.1-4, 1.4.2.B.1-3

## **Ballantine House: Family Life in The Gilded Age (Grades 9-12)**

### **Common Core: English Language Arts**

SL.9-10.1; SL.9-10.6; SL.11-12.1; SL.11-12.6

L.9-10.6; L.11-12.6

### **Related NJ Core Curriculum Standards:**

Social Studies 6.1.12.A.5.a-b, 6.1.12.B.5.b, 6.1.12.C.5.c, 6.1.12.D.5.d, 6.1.12.D.6.a

Visual Arts 1.4.12.A.1-4, 1.4.8.B.3, 1.4.12.B.1

## **Ballantine House Mystery: “Who Done It?” (Grades 3-5)**

### **Common Core: English Language Arts**

SL.3.1-4; SL.3.6; SL.4.1-4; SL.6; SL.5.1-3; SL.5.6

L.3.1; L.3.3-4; L.3.6; L.4.1; L.4.3; L.4.4; L.4.6; L.5.1; L.5.3; L.5.6

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4. D.13-20, 6.3.4.A.1-3

Visual Arts 1.4.5.A.1-2, 1.4.5.B.1-3

## **Building Bridges: Exploring Communities around the World (Grades 3-5)**

**Common Core Standards: English Language Arts:**

SL.3.1-4,6; SL.4.1-4,6; SL.5.1-3,6;

L.3.1; L.3.3; L.3.6; L.4.1; L.4.3; L.4.6; L.5.1; L.5.3; L.5.6

**Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4.D.1-3, 6.1.4.D.10-13, 6.1.8.A.1.a, 6.1.8.B.1.a-b, 6.1.8.C.1.a-b, 6.1.8.D.1.a-c, 6.1.8.D.3.e-f

Visual Arts 1.1.2.D.1-2, 1.1.5.D.1-2, 1.2.2.A.2, 1.2.5.A.1-2, 1.3.2.D.1-5, 1.3.5.D.2, 1.3.5.D.4, 1.4.5.A.2-3

## **Discovering the Five Senses (Grades Pre-K-2)**

**Related NJ Core Curriculum Content Standards:**

Social Studies 1.2 A., 6.1.4 A, 6.1.8A

Language Arts Literacy (Common Core) 3.3.3 A, B, C; 3.3.5 A, B; 3.3.7 A, B; 3.3.8 A,B

Visual Arts 1.1.2.D.1-2, 1.3.P.D.1-6, 1.3.2.D.1-4, 1.4.P.A.1-4, 1.4.2.B.1-3

## **Early America (Grades 3-5)**

**Common Core: English Language Arts**

RI.3.7; RI.4.7;

W.3.3; W.3.10; W.4.3; W.4.10; W.5.3; W.5.10

SL.3.1-4; SL.3.6; SL.4.1-4; SL.4.6; SL.5.1-4; SL.5.6

L.3.1; L.3.3-4; L.3.6; L.4.1; L.4.3-4; L.4.6; L.5.1; L.5.3-4; L.5.6

**Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4.D.4-5, 6.1.4.D.8, 6.1.4.D.12-15, 6.1.4. D.17-20, 6.1.8.A.2.a-c, 6.1.8.D.2.a-b

Visual Arts 1.1.2.D.1-2, 1.1.5.D.1-2, 1.2.2.A.2, 1.2.5.A.1-2, 1.3.2.D.1-5, 1.3.5.D.2, 1.3.5.D.4, 1.4.5.A.2-3

## **Express Yourself: Exploring the World through Art (Grades 3-12)**

**Common Core Standards: English Language Arts:**

W.3.1-4;10; W.4.1-4;10; W.5.2-4;10; W.6.3-4;10; W.7.2-3;10; W.8.2-3;10

SL.3.1-4; SL.4.1-4; SL.5.1-4; SL.6.1-4; SL.7.1-4; SL.8.1-4; SL.9-10.1-4; SL.11-12.1-4

L.3.1-3,5-6; L.4.1-3,5-6; L.5.1-3,5-6; L.6.1-3,5-6; L.7.1-6; L.8.1-6

WHST.6-8.4; WHST.6-8.2; WHST.9-10.2; WHST.9-10.4; WHST.11-12.2; WHST.11-12.4

**Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4.D.1-20, 6.1.8.A.2.a-c, 6.1.8.C.2.a, 6.1.12.B.2.a,

6.1.12.D.2.e, 6.1.12.D.3.e, 6.1.12.C.8.b, 6.2.8.B.4.a-f, 6.2.12.D.5.a-e

Visual Arts 1.4.5.A.1-3, 1.4.8.A.4, 1.4.5.B.4-5, 1.4.8.B.1, 1.4.12.B.1-3

## **MakerSPACE Stop-Motion Animation**

1.1.5.C.3, 1.4.8.A.2, 1.4.8.A.4, 1.4.8.A.7, 1.4.2.A.2, 1.4.2.A.3, 1.4.2.A.4, 1.4.8.A.2, 1.4.8.A.5, 1.2.5.A.1

## **Movement and Motion**

**Related NJ Core Curriculum Content Standards:**

Science Standards: K-PS2-1, K-PS2-2

Visual and Performing Arts Standards: 1.3.P.D.1-6, 1.3.2.D.5, 1.4.P.A.4

## **My Community: Discovering What Makes a Community (Grades Pre-K-2)**

### **Related NJ Early Learning Standards:**

Social Studies 6.1.PA.1-3

Visual Arts 1.2.2.A.1, 1.3.PD.1-6, 1.3.2.D.1, 1.4.PA.1-7, 1.4.2.A.2-4, 1.4.2.B.2

Science 5.1.PA.1, 5.1.PB.1-3, 5.1.PC.1, 5.1.PD.1, 5.3.PA.1-2, 5.3.2.A.1, 5.3.PB.1, 5.3.2.B.1-2, 5.3.PC.1-3

## **Native American Adventure (Grades Pre-K-2)**

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.PD.1-3, 6.1.4.D.1-20

Language Arts Literacy (Common Core) 3.3.3 A, B, C; 3.3.5 A, B; 3.3.7 A, B; 3.3.8 A,B

Visual Arts 1.1.2.D.1-2, 1.3.PD.1-6, 1.3.2.D.1-4, 1.4.PA.1-4, 1.4.2.B.1-3

## **Native Artists of North America (Grades 3-5)**

### **Common Core: English Language Arts**

SL.3.1-4,6; SL.4.1-4,6; SL.5.1-3,6;

L.3.1; L.3.3; L.3.6; L.4.1; L.4.3; L.4.6; L.5.1; L.5.3; L.5.6

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4.D.1-3, 6.1.4.D.10-13, 6.1.8.A.1a, 6.1.8.B.1a-b, 6.1.8.C.1a-b, 6.1.8.D.1a-c, 6.1.8.D.3e-f

Visual Arts 1.1.2.D.1-2, 1.1.5.D.1-2, 1.2.2.A.2, 1.2.5.A.1-2, 1.3.2.D.1-5, 1.3.5.D.2, 1.3.5.D.4, 1.4.5.A.2-3

## **Safari Trip (Grades Pre-K-2)**

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.PA.1-3

Language Arts Literacy (Common Core) 3.3.3 A, B, C; 3.3.5 A, B; 3.3.7 A, B; 3.3.8 A,B

Visual Arts 1.2.2.A.1, 1.3.PD.1-6, 1.3.2.D.1, 1.4.PA.1-7, 1.4.2.A.2-4, 1.4.2.B.2

Science 5.1.PA.1, 5.1.PB.1-3, 5.1.PC.1, 5.1.PD.1, 5.3.PA.1-2, 5.3.2.A.1, 5.3.PB.1, 5.3.2.B.1-2, 5.3.PC.1-3

## **Water, Water Everywhere (Grades 3-8)**

### **Common Core Standards: English Language Arts:**

SL.3.1-3; SL.3.6; SL.4.1-3; SL.4.6; SL.5.1-3; SL.5.6; SL.6.6; SL.7.6; SL.8.6

L.3.3; L.3.6; L.4.3; L.4.6; L.5.6; L.6.6; L.7.6; L.8.6

### **Related NJ Core Curriculum Content Standards:**

Social Studies 6.1.4.B.4-9, 6.1.8.A.4.b

Language Arts Literacy (Common Core) 3.3.3 A, B, C; 3.3.5 A, B; 3.3.7 A, B; 3.3.8 A,B

Visual Arts 1.1.2.D.1-2, 1.1.5.D.1-2, 1.2.2.A.2, 1.2.5.A.1-2, 1.3.2.D.1-5, 1.3.5.D.2, 1.3.5.D.4,

1.4.5.A.2-3, 1.3.8.D.3, 1.3.8.D.5

Science 5.1.4.A.1-3, 5.1.4.B.1-4, 5.1.8.A.1-3, 5.1.8.B.4, 5.1.4.C.1-3, 5.1.8.C.1-3, 5.1.4.D.1-3, 5.1.8.D.1-3, 5.2.4.A.2, 5.4.8.C.3, 5.4.4.G.3, 5.4.8.G.1, 5.2.6.A.1

# PLANETARIUM SHOWS

New Jersey Core Curriculum Standards:

## **One World, One Sky**

Science:5.1.P.A, 5.1.P.B, 5.1.P.C, 5.4.2.A, 5.4.4.A

## **Magic Sky**

Science:5.1.P.A, 5.1.P.B, 5.1.P.C, 5.4.2.A, 5.4.4.A

## **The Little Star That Could**

Science:5.1.4.A, 5.1.4.B, 5.1.8.C, 5.4.4.A, 5.4.6.A, 5.4.12.A

## **Secret of the Cardboard Rocket**

Science:5.1.4.A, 5.4.4.A, 5.4.4.B, 5.4.6.A, 5.4.8.A

## **The Zula Patrol—Under the Weather**

Science:5.1.4.A, 5.1.4.B, 5.4.4.A, 5.4.4.E, 5.4.4.F, 5.4.4.G, 5.4.6.A,

## **The Zula Patrol 2—Down to Earth**

Science:5.1.4.A, 5.4.4.B, 5.4.6.B, 5.4.8.B

## **SkyQuest**

Science:5.1.4.A, 5.1.4.B, 5.2.4.A, 5.4.4.A, 5.4.6.A

## **Earth, Moon and Sun**

Science:5.1.4.A, 5.2.2.C, 5.2.4.C, 5.2.4.E, 5.4.2.A, 5.4.4.A

## **Legends of the Night Sky—Orion**

Science:5.4.2.A, 5.4.4.A; Social Studies: 6.2.8.C, 6.2.8.D

## **Constellations Tonight**

Science:5.1.8.C, 5.4.2.A, 5.4.4.A, 5.4.6.A, 5.4.8.A, 5.4.12.A

## **Force 5**

Science:5.4.4.F, 5.4.4.G, 5.4.6.E, 5.4.6.F, 5.4.8.F, 5.4.8.G, 5.4.12.F

## **Oceans in Space**

Science:5.1.8.A, 5.1.12.A, 5.3.6.B, 5.3.8.B, 5.4.6.A, 5.4.8.A

## **Tales of the Maya Skies**

Science: 5.4.6.A, 5.4.8.A, 5.4.12.A; Social Studies: 6.2.8.B; Visual Arts: 1.2.8.A

## **Origins of Life**

Science:5.1.8.A, 5.1.12.A, 5.3.6.B, 5.3.8.B, 5.4.6.A

## **Extreme Planets**

Science:5.1.8.A, 5.1.12.A, 5.3.6.B, 5.3.8.B, 5.4.6.A, 5.4.8.A

## **Black Holes**

Science:5.2.12.D, 5.4.12.A

## **Seven Wonders**

Science:5.4.12.A; Social Studies: 6.2.8.C, 6.2.8.D; Visual Arts: 1.2.8.A

## **Stars of the Pharaohs**

Science: 5.4.4.A, 5.4.6.A, 5.4.8.A, 5.4.12.A; Social Studies: 6.2.8.C, 6.2.8.D; Visual Arts: 1.2.8.A

## **Skywatchers of Africa**

Science: 5.4.4.A, 5.4.6.A, 5.4.8.A, 5.4.12.A; Social Studies 6.2.8.B, 6.2.8.C ; Visual Arts 1.2.2.A, 1.2.5.A, 1.2.8.A

## **Heart of the Sun**

Science: 5.1.4.B, 5.1.8.B, 5.1.12.C, 5.2.8.C, 5.2.8.D; Social Studies: 6.2.8.B, 6.2.8.D; Visual Arts: 1.2.8.A

# DIRECTIONS TO THE NEWARK MUSEUM

## By car or bus

A system of road signs leads directly to the Newark Museum. From the NJ Turnpike, take Exit 15W to 280 West. From the Garden State Parkway and Routes 24, 78 and 280, take the Newark exit marked Downtown/Arts. Once in the Downtown/Arts district, follow the purple signs directly to the Museum.

## Parking

Buses may drop off school groups in the driveway in front of the Museum's South Wing entrance before parking. Limited FREE bus parking is available on Washington Street. Vans and cars can proceed to the Edison Park Fast lot adjacent to the Museum—only buses have limited parking in front of the Museum. Van/car parking is on a “first come first serve” basis. (Vans \$16, cars \$10). Fees must be paid in cash to the parking lot attendant. Please do not include parking fees in check payments for groups; the parking lot is operated independently of the Museum. Fees are subject to change.

## By public transportation

NJ Transit trains and buses, as well as PATH trains, stop at Newark's Penn Station. Trains also stop at Broad Street Station. Newark LightRail stops at Washington Park across from the Museum.

Directions and a map are also available at [NewarkMuseum.org/directions](http://NewarkMuseum.org/directions) and at 49 Washington Street in Newark's Downtown/Arts District.

973.596.6690 education office  
973.596.6550 general info  
973.596.6355 TTY  
973.596.6614 fax

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