



NEW JERSEY STATE MUSEUM

FIELD TRIP PLANNING GUIDE

SCHOOL YEAR 2017-2018

Exhibits that tell the story of New Jersey and beyond.

The state's largest Planetarium.

Working scientists and expert educators.

A paleontology research lab.

Live theater.

It's all here!



NEW JERSEY
STATE MUSEUM

Inspiration. On display.

www.statemuseum.nj.gov

LEARNING LABS & STUDIO EXPERIENCES

Advance reservations are required.

Length: 45 minutes
Cost: \$3 per student
Group Size: 15-30 students per workshop session. Groups larger than 30 students may be split to rotate through workshops and other activities.



DIGGING FOR DINOSAURS

Grades 2-7

Join a mock dig and excavate real fossils! Young paleontologists reconstruct a model dinosaur skull, discovering and interpreting evidence of New Jersey's prehistoric past. After your workshop, visit the Paleo Lab and explore *Written in the Rocks: Fossil Tales of New Jersey*.

EARTHQUAKES

Grades 4-10

Shake things up in this earth science lab with an engineering twist. Digging into earthquakes and plate tectonics, teams undertake an engineering design challenge, building and testing seismometers.

NEW! WIDE WORLD OF WEATHER

Grades K-4

Explore Earth's dynamic weather and climate patterns, projected onto our new digital Magic Planet, and experience fascinating weather phenomenon up close in this new workshop!

NEW! HEARTH & HOME

Grades 4-8

You live in an environment rich with resources and dangers. How will you construct a home? Our new design challenge workshop draws on the culture of the Delaware Lenape to explore how natural resource usage shapes daily life. Be sure to visit the new exhibit, *Hearth & Home* before or after your workshop.



LENAPE ARTISTIC TRADITIONS

Grades 1-5

People of all cultures express their community's history and ideals through arts and craft traditions. Discover the artistry and designs reflected in objects created by Delaware Lenape people, and weave your own basket while listening to a traditional Lenape story.

Reservations and Information: Call (609) 292-1382 or Email njasm.reservations@sos.nj.gov

www.statemuseum.nj.gov

EARLY LEARNING



NEW! DINO MOTION

\$2 per student

What can we learn from a footprint? Discover how dinosaurs and marine reptiles travelled their environments as we combine art, imaginative play and real fossils. Your "herd" of young paleontologists will even create a life-size dinosaur trackway!

PAINT ME A STORY

\$2 per student

Art and storytelling go hand in hand. Children explore the *American Perspectives* gallery and discover the stories that paintings tell through color, themes and feelings. Children end the session in the studio using real art materials and techniques to paint their own unique story.



STARS AND SHAPES FOREVER

\$3 per person covers *The Little Star That Could* Planetarium show

This two part program, including a Planetarium show and interactive workshop, will introduce young children to astronomy! Meet stars of all sizes and colors, model our solar system with creative play and create your own star to take home.

DISCOVERY DEN

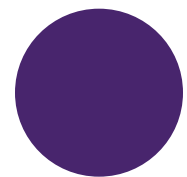
Visit our natural sciences play space, designed just for kids pre-K through 3rd grade. Explore nature in New Jersey through touchable specimens, games, books, puppets, costumes and more! Maximum 15 students at one time with adult supervision in this self-guided space.

Created especially for preschool and kindergarten, our programs introduce science, history and art through creative play, crafts, stories and song. Advance reservations are required.

Length: 45 minutes-1 hour

Cost: Varies; see program details.

Group Size: 15-20 students per workshop session. Groups larger than 20 students may be split to rotate through workshops and other activities.



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ASK THE EXPERTS

Perfect for large audiences, our interactive assemblies connect students with Museum experts in Archaeology and Paleontology, and the objects they collect and research. Presentations are adaptable to students in grades 3-12. Advance reservations are required.

Length: 45 minutes
Cost: \$3 per student
Group Size: 15 attendee minimum; large groups of 25 or more will be accommodated in our auditorium.



THE POWER OF PLACE: ARCHAEOLOGY IN NEW JERSEY

Explore and compare unique artifacts, geography and environments of different archaeological sites with archaeologist Dr. Gregory Lattanzi to build an understanding of how prehistoric humans interacted with their world.

FOSSIL HUNTERS IN NEW JERSEY

New Jersey abounds with fossils – its rocks represent 80 percent of Earth's history since life began! Our scientists share exciting local discoveries, what fossils tell us about ancient ecosystems, and all of the challenges they face in this adventurous field.

Prepare your students with answers to the most frequently asked paleontology questions! You'll find 10 fascinating videos in the *Ask the Experts* section of our website: www.statemuseum.nj.gov



PALEO LAB

Take a peek at our latest fossil discoveries! Follow the progress of our scientists and volunteers, preparing fossil specimens from sites in New Jersey, Wyoming and Montana. We invite you to ask questions and observe their work. Open to the public every day.

GUIDED GALLERY TOURS

Guided tours explore NJ History, American Art and Artists, Natural Science or the Lenape in NJ. Tours are FREE, advance reservations are required. 15 student minimum; groups larger than 25 students may be split to rotate through tours and other activities.

NEW EXHIBITIONS

EMBATTLED EMBLEMS



EMBATTLED EMBLEMS: POSTERS AND FLAGS OF THE FIRST WORLD WAR

September 16, 2017 – August 19, 2018

On the eve of World War I, President Woodrow Wilson faced the challenge of transforming peace-minded America into a nation willing to make supreme sacrifices. Explore posters and never-before-exhibited flags that stirred patriotic support as we honor the 100th anniversary of American intervention in the "War to End All Wars."

◆Teacher's Guide available online



SHIFTING VIEWS: ARTISTS WHO EXPERIENCED WORLD WAR I

November 4, 2017 – August 19, 2018

Peaceful landscapes, busy city streets, portraits of friends and family. These works of art were created by artists who experienced the frontlines of World War I. Together, their works of art convey a shared sense of humanity in contrast to the divisiveness of war.



HEARTH & HOME

October 7, 2017 – September 15, 2018

What is home? Intricate scale models and personal artifacts of the traditional houses of the native peoples of North America reveal similarities and differences among cultural groups, and inspire reflection on what makes a house a home.

HOMESCHOOLS

Homeschool groups of 15 students or more are invited to schedule learning labs, studio experiences, early learning programs, tours and Planetarium shows. No minimum group size is required for Thursday Theatre performances. Advance reservations and payment required; the same fees and cancellation policies apply to school and homeschool groups.

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THURSDAY THEATER 2018 SEASON

Choose performances based in science, literature or social studies. We are committed to offering children a live theater experience that engages and inspires, for the amazingly low cost of \$3 per person. Don't miss out!

NEW Showtime: 11:15 am

Length: 45 minutes
Cost: \$3 per person, including teachers & chaperones. Trenton Public Schools attend performances FREE of charge (limit two shows per grade level).
Group Size: Groups of all sizes, including homeschools, are welcome. Advance reservations and payment are required for all groups.



FEBRUARY 22

Bright Star Children's Theatre: Black History Heroes, Soldiers and Spies

Share unique and exciting stories from Black History! Captivated audiences follow Buffalo Soldiers exploring the American West, take flight with Tuskegee Airmen in WWII, and meet Mary Elizabeth Bowser, a Union spy during the Civil War. Explore more New Jersey history in *Pretty Big Things*.

♦Appropriate for Grades 3-12

MARCH 8

Mad Science: Sounds Like Science

Highlight children's sense of sound! Audiences participate to discover how sound waves travel, create a storm complete with rain, thunder and lighting, and hear the roar of Rex, the T-Rex.

♦Appropriate for Preschool-1st Grade

MARCH 22

Thunderbird American Indian Dancers: Yah-Oh-Way

Yah-Oh-Way, meaning "it is good" in Hopi, highlights the complexity of Native American societies. Honor and celebrate history and cultural diversity of Native peoples through songs, dances, and traditions of many North American tribes. Visit *Hearth & Home* for more about Native American societies.

♦Appropriate for Grades K-12

APRIL 12

Academy of Natural Sciences: Everybody Needs a Home

Food, water, shelter, space—all creatures need a habitat that provides these. Meet animals from different habitats, discover how their needs are met, and explore how animals within a habitat are interconnected. To see New Jersey animals, visit *Written in the Rocks*.

♦Appropriate for Grades K-12

APRIL 26

Super Scientific Circus: Magic of Energy

What happens when Earth's gas and oil run out? Explore renewable energy sources like solar and

wind power with a circus flair! Find out more about Earth's weather in the new workshop *Wide World of Weather*.

♦Appropriate for Grades 1-8

MAY 11

Academy of Natural Sciences: Discovering Dinosaurs

How do we know what dinosaurs were like? Were other animals alive during the time of dinosaurs? How were they similar to animals alive today? Explore these puzzles of paleontology and examine fossils! Discover New Jersey dinosaurs in *Written in the Rocks*.

♦Appropriate for Grades 1-6

MAY 17

Fresh Brewed Productions: The Wright Brothers - Those Daring Young Men & Their Flying Machine!

1896: The idea of human flight is only a dream, but two brothers in their Ohio bicycle shop are about to make the dream come true. This wonderful musical brings the Wright Brothers to life and flight! Airplanes were first used by the military during World War I; learn about the war in *Embattled Emblems*.

♦Appropriate for Grades 3-12

MAY 18

Mad Science: Spin, Pop, Boom

Simple and exciting experiments to discover the process of science! Highlights include the "Famous, Flaming Didgeridoo" and the "Fantastic Flying Foam Factory"—sure to spark children's curiosity!

♦Appropriate for Grades K-6

JUNE 7

TAHIRA: Gift of Story

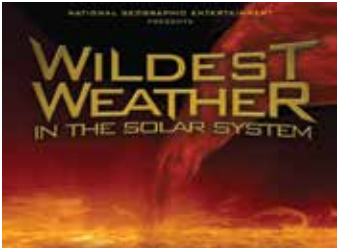
Dramatic storyteller TAHIRA shares stories of hope, triumph and tragedy through original works and those based on African oral tradition. Playing authentic African instruments, TAHIRA touches upon tolerance, empowerment and the impact of one's choices.

♦Appropriate for Grades K-8

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PLANETARIUM-FEATURED SHOWS



NEW! WILDEST WEATHER IN THE SOLAR SYSTEM

Grades 2-12

Fly through the thick atmosphere of Venus, magnetic storms on the sun, liquid methane showers on Titan, and a raging 400-year-old hurricane on Jupiter. You'll be glad you live on Earth!



SPECIAL ENGAGEMENT! DINOSAURS AT DUSK

Grades 2-12

Travel back to the time of dinosaurs with teenage pilot Lucy and her father, in search of the ancestors of modern birds, and the origins of flight. Limited show times, call for information and reservations.



COMING SOON! DARK UNIVERSE

Grades 7-12

Unravel the complexities of the cosmos with Neil deGrasse Tyson as your guide! Plunge into Jupiter's atmosphere and explore the mysteries of dark matter and dark energy in this spectacular show.



MAGIC TREE HOUSE: SPACE MISSION

Grades 1-4

Based on the book series by Mary Pope Osborne. Adventure through space with brother-sister team of Jack and Annie...and their Magic Tree House!



EARTH, MOON & SUN

Grades 2-5

Our most popular show. Explore the science and the mythology of our solar system, with the help of the amusing Coyote (adapted from Native American oral traditions).



STARS!

Grades 4-12

Travel to the furthest reaches of our galaxy and experience the awesome beauty and destructive power of stars!

Advance reservations and payment are required. Planetarium scheduled show times are 9:30, 10:30 and 1:00.

PLEASE NOTE: Planetarium shows begin promptly at the scheduled time; groups arriving late may miss their show. We are unable to issue refunds for late arrivals.

Length: Shows range from 25 to 45 minutes
Cost: \$3 per person, including teachers and chaperones.
Group Size: Our Planetarium seats 140 people; larger groups will be split into two or more shows. Minimum group size of 15 attendees.

All presentations include a live New Jersey sky talk. For a complete list of available shows, including trailers, visit our website: www.statemuseum.nj.gov

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NEW JERSEY
STATE MUSEUM 
205 West State St
PO Box 530
Trenton NJ 08625-0530

First Class Mail
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Trenton, NJ
Permit 21



LOCATION

The New Jersey State Museum is located at 205 West State Street in Trenton, NJ, within walking distance of the State House and Old Barracks Museum.

CONTACT US

For information & reservations call Jeffrey Arico at (609) 292-1382 or email njasm.reservations@sos.nj.gov

Open Tuesday-Sunday 9:00 am to 4:45 pm

ADMISSION

General admission is FREE for school groups. Planetarium shows and Education experiences are each just \$3 per participant; guided gallery tours are FREE. Advance reservations are required for all programs, free and fee-based.

LUNCH PLANS

Lunch space is available by reservation in the Museum's Riverview Court on a first-come, first-served basis. Lunch time should be scheduled at the time of booking.

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GENERAL INFORMATION