

BOOK EARLY WHILE OPENINGS REMAIN FINANCIAL AID OPPORTUNITIES AVAILABLE

DALLAS ARBORETUM AND BOTANICAL GARDEN

2023-2024 Educator's Guide



We grow minds, too.

DALLAS ARBORETUM AND BOTANICAL GARDEN

WELCOME EDUCATORS!

What better place to connect students with nature and science than at The Dallas Arboretum and the one-of-akind natural wonder Rory Meyers Children's Adventure Garden, featuring 17 interactive STEM-focused galleries with over 150 kid-friendly exhibits to educate and inspire. We are excited to welcome you to the garden to explore all of the educational opportunities we offer in life and earth sciences.

Choose from a variety of guided programs throughout the Children's Adventure Garden, including our renowned Texas Native Wetlands and OmniGlobe. Or, attend one of our guided classroom or outdoor labs in the Main Garden, all of which are standards-aligned and led by our highly-trained staff. In addition, we are proud to offer a full lineup of outreach programs, afterschool residencies and academic overnights to engage your students in the Rory Meyers Children's Adventure Garden after hours!

Teachers, did you know that we also offer a full range of professional learning with both in person and online options? We are happy to offer customized learning for groups of 15 or more as well.

We are more than just a beautiful garden ... We grow minds, too!

Did you know?

All teachers receive free admission year-round to plan their field trips and create content for their classrooms.

We also serve your scout, afterschool, and homeschool groups with custom programming including workshops, outreach and overnights!

KNOW BEFORE YOU GO

- Add education@dallasarboretum.org to your safe senders list!
- Make sure you know whether your group is arriving to the Children's Adventure Garden (Gate 3 and Gate 4) or Main Garden (Gate 1).
- Students must be with an adult at all times at a ratio of 8:1.
- Bring labeled containers for lunches. Wheeled coolers work best as we are unable to provide assistance.
- Plan to be outdoors wear walking shoes and raincoats/jackets, if appropriate.
- Arboretum-led programs: We provide your program times, but please group your students and assign chaperones before arrival to the Arboretum.
- We send a standards-aligned pre- and post- visit resource guide for every program.

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RORY MEYERS CHILDREN'S ADVENTURE GARDEN





OUR PLACE AT YOUR PACE

RESERVE A SELF-GUIDED VISIT FOR YOUR EDUCATIONAL GROUP THAT BRINGS SCIENCE TO LIFE IN OUR AMAZING, INTERACTIVE GARDEN. RESERVATIONS INCLUDE A PRE- AND POST-VISIT RESOURCE GUIDE AND ACCESS TO OUR ENTIRE MAIN GARDEN. CHILDREN'S ADVENTURE GARDEN ACCESS AVAILABLE AT ADDITIONAL COST. *Jo* (5) (6)



PROGRAMS IN THE MAIN GARDEN

IN ADDITION TO OUR CLASSROOM LAB PROGRAMS, WE OFFER SEVERAL PROGRAMS OUTDOORS IN THE MAIN GARDEN. RESERVE NOW!

TEXAS NATIVE PLANT LAB 3RD-6TH GRADE

From plains to the coast, and the piney woods to mountains and basins, Texas is home to a great diversity of flora. This program focuses on plants which are specially-adapted to survive in our state's diverse ecosystems. Through hands-on investigations utilizing digital equipment, students refine their scientific observation skills while exploring cacti, succulents, grasses and wildflowers in this educational garden. Get up close and personal with some of our state's most fascinating plants!

NATURE'S WORKS OF ART 3RD - 6TH GRADE

Students complete three stations investigating the beauty and wonder of trees and flowers that have enchanted artists for centuries. An Arboretum educator leads students on an investigation to explore color, shape and texture in nature and highlights the necessary artistic skills in a variety of jobs at the Arboretum.



CHRISTMAS VILLAGE GUIDED TOUR K-2ND GRADE

Take a trip around the world this winter without leaving Texas! Explore the Arboretum's Christmas Village while students learn about winter traditions from across the globe that have found their way to Texas. Discover traditional food and music as well as cultural meanings of winter flowers and plants from our state and beyond. Connect with your favorite winter traditions this year at the Dallas Arboretum. [Offered November 9 - December 22] *p*

RORY MEYERS CHILDREN'S ADVENTURE GARDEN



LEARNING GALLERY PROGRAMS

RESERVE AN INSTRUCTOR-GUIDED GALLERY PROGRAM THAT BRINGS SCIENCE TO LIFE IN OUR AMAZING AND INTERACTIVE OUTDOOR MUSEUM AND GARDEN. RESERVATIONS INCLUDE PRE- AND POST-VISIT RESOURCE GUIDES AND ACCESS TO OUR ENTIRE GARDEN. ALL CONTENT IS CUSTOMIZED FOR YOUR SPECIFIC GRADE LEVEL NEEDS.

THE GLADE PRE K-FIRST GRADE

The Glade is home to our puppet theater that invites guests to enjoy fun songs, dramatic characters and educational tales inspired by happenings in nature. The Glade is a natural space where visitors can take a seat and become part of the stories presented by our educators and puppeteers. After the show, the stories come to life in the plants, animals and insects found throughout the garden.

LITTLE SPROUTS SQUIRREL ADVENTURE

Help Nuts the Squirrel find a new home! This interactive outdoor program focuses on the changing seasons and animals' habitat needs. Students listen to a big book story about the life of a squirrel and engage with characters in an outdoor puppet show. [Offered August - December]

LITTLE SPROUTS BUTTERFLY ADVENTURE

What will happen to Cathy Caterpillar? This fun, interactive program brings metamorphosis to life with a big book story about the butterfly life cycle and an outdoor puppet show. [Offered March - June] ρ

HABITATS

AT HOME IN THE WILD K-2ND GRADE

All living things need a place to call home. In this program, students explore the basic needs of plants and animals, discuss what makes a good habitat and model food webs in a giant eagle's nest with larger than life eggs. Then, students walk through a wooded habitat and a meadow using a grade-specific trail guide to investigate what lives in a rotting log, a tree snag and in the tree tops. *D*

TREE TREK 3RD-6TH GRADE

Trees are amazing! How do many of these giant plants outlive humans? Students discover the science of studying a tree and, through hands-on activities, investigate what these organisms need to live a long life in a woodland ecosystem. Students walk through the gallery's Discovery Trail Loop to explore how trees provide shelter and food to other organism and discover how trees are adapted to survive in changing habits. *D*





LIVING CYCLES 1ST-5TH GRADE

This program is all about growth and change. Students compare the physical appearance of adults and offspring to assess how plants and animals change over time. Students investigate pollinators and their role in the ecosystem. In the gallery, students identify and observe the role of decomposers, methods of seed dispersal and pollination.

PLANTS ARE ALIVE K-2ND GRADE PUMPKIN POWERED

Each autumn, the Arboretum is transformed by thousands of pumpkins, gourds and squash. In this seasonally-spiced version of our Plants are Alive program, students learn about the differences between living and nonliving things and explore the structures and functions of a pumpkin plant. Each class receives pumpkin seeds to take back to school for planting and further observation! Don't miss our breathtaking pumpkin display in the Main Garden before or after your program. [Offered September 18 - November 3] \bigcirc

ROOT TO FRUIT

How do we know that plants are alive? In this program, students learn about living and nonliving things through hands-on activities and songs. Students explore the gallery to investigate the similarities and differences between the same parts of different plants and share their findings.

KALEIDOSCOPE 2ND-6TH GRADE

Explore how science is the study of natural patterns and how humans make use of these patterns. Students will first identify patterns regularly found in nature and then investigate how patterns can be analyzed with math by looking at the Fibonacci sequence. Students then explore the gallery and quantify the most commonly observed shapes in plants. They will also discuss how shapes are adaptations and how humans have used natural shapes as inspiration for our designed world.



MOODY OASIS MONARCH MANIA 2ND-6TH GRADE

Texas is a prime spot to observe monarch butterflies - it lies between the breeding grounds to the north, in Canada, and the overwintering areas in Mexico. Our certified Monarch Waystation is the perfect place to observe monarchs and many other pollinators. In this program, students learn all about the fascinating life of the monarch butterfly and what humans can do to help them survive. Students may even spot monarchs in the garden! [Peak times are typically early October and late March]

PATH TO POLLEN 2ND-6TH GRADE

Are insects our friends or foes? Are they pests? No! 75% of all flowering plants need animal pollinators. This includes the majority of the plant foods in our diet. In this program students learn about the important relationships between plants and pollinators and how each are adapted to benefit from one another. \mathcal{D}

TEXAS NATIVE WETLANDS 3RD-6TH GRADE

How healthy is our habitat? In this program, students explore our Texas Native Wetlands and collect data from our outdoor, island classroom. Students make connections between the living and nonliving parts of the ecosystem to determine the health of our waterway using cutting-edge scientific tools.



EARTH CYCLES EARTH FROM SPACE 2ND-6TH GRADE

Life on Earth is dominated by regular and repeating patterns. In this program, students learn all about the relationships between the seasons, moon phases, shadows and planets through handson demonstrations and a focused student activity in the gallery. If you've been struggling to show the connections between these topics, this is the class for you!

DYNAMIC EARTH 3RD-6TH GRADE

The Earth is always changing. Weathering, erosion and deposition, and the movement of tectonic plates, cause slow and rapid changes to the Earth's surface. In this program, your students will participate in hands-on inquiry with actual rock samples and observe natural processes of change at our interactive stream table. A focused student activity helps students discover the dynamic, natural world as they explore the gallery. Bring Earth science to life in our outdoor learning lab!

PURE ENERGY 3RD-6TH GRADE

In this program students develop a new understanding of alternative energy sources and the transfer of energy. Students discuss forms and sources of energy and work together to create a living circuit. Then, small teams explore the water, solar and wind islands to record data on these three sources of renewable energy. \mathcal{P}



OMNIGLOBE PLANETARY VOYAGE 3RD-6TH GRADE

Travel through the solar system and beyond in our Globe Theatre. During this program, students view 360 degree imagery of the planets through NASA satellite views projected on our five-foot-tall OmniGlobe. They discover what makes each planet unique, including our irreplaceable planet Earth. This captivating program ensures high student engagement as they become the experts on a wide range of science topics. *P*

GEOLOGIC ODYSSEY 3RD - 6TH GRADE

Take a walk through time in our Globe Theatre. In this program, an Arboretum teacher will guide student exploration as they discover how plate tectonics have shaped and continue to shape the planet and affect our lives. Along the journey students explore evidence for plate movement in volcanic eruptions, earthquakes and tsunamis using satellite data and digital images projected onto a five-foot-tall sphere.

CLASSROOM LABS & OUTREACH PROGRAMS



CLASSROOM LABS

RESERVE AN HOUR-LONG CLASSROOM LEARNING EXPERIENCE HELD AT THE VISITOR EDUCATION PAVILION TO EXPLORE A VARIETY OF LIFE AND EARTH SCIENCE TOPICS. RESERVATIONS INCLUDE ADMISSION TO THE MAIN GARDEN AND CHILDREN'S ADVENTURE GARDEN.



OUTREACH: GARDEN ON THE GO

LET US BRING OUR LEARNING EXPERIENCES TO YOUR SCHOOL! BOOK A GARDEN ON THE GO PROGRAM TO BRING ANY OF OUR ENGAGING LABS TO YOUR CAMPUS. PROGRAMS CAN ACCOMMODATE UP TO 30 STUDENTS PER SESSION. BOOK NOW!

PUMPKIN CIRCLE K-2ND GRADE

After distinguishing between living and nonliving things, students explore the basic needs, parts and functions of pumpkin plants. Students discuss the life cycle of a pumpkin and plant their own seeds to take back to school for observation. A walk through the Arboretum's Pumpkin Village is the perfect culmination of this lesson. [Offered September 18-November 3]



SEEDSATIONAL K-2ND GRADE

Students classify living and nonliving things and explore the fascinating world of plants they see throughout the garden. Students investigate the basic needs, parts and functions of plants and their life cycles. Students explore how fruits act as a suitcase for seeds and plant their own seeds to take back to school for observation. [Offered November 4 - May 31]

EARTH ROCKS! K-2ND GRADE

Introduce your students to the world of geology as they take a closer look at rocks. In this program, students observe a diverse sample of rocks and sort the rocks by size, shape, color and texture. Students also observe a variety of everyday products that are made from rocks and identify the properties of the rocks used to make each product.



PLANT DETECTIVES K-2ND GRADE

Do all leaves look the same? What about stems and roots? In this lab students identify basic plant parts and investigate plant diversity by comparing and contrasting the unique structures of live plants. Older students also explore how different structures allow plants to meet their needs. \swarrow

THE SCOOP ON SOIL K-2ND GRADE

Take a closer look at soil! Students work in groups to observe a soil sample from the Arboretum grounds and sort out the components that make up the soil. Groups then compare their observations with each other and examine how scientists learn from samples. After discussing characteristics of soils that support plant growth, students set up an investigation to determine what kind of soil carrots grow best in. Each class will take two pots of planted carrot seeds back to school to complete the investigation.



WHAT'S FOR DINNER? K-2ND GRADE

Like all ecosystems, the Arboretum is a complex and active place, filled with interconnected organisms. In this lab, students explore small but significant members of our ecosystem: pill bugs. Students observe terrariums with live organisms to investigate living and nonliving things, basic needs of organisms and energy transfer in food chains.

FLIGHT OF THE HONEYBEE 2ND-6TH GRADE

In this lab, students take on the roles of honeybees and flowers to act out the process of pollination and explore the interdependent relationship between these organisms. Students closely examine honeybee specimens and a flower model to better understand how flowers attract pollinators and how honeybees gather nectar and pollen.



IT'S A BUG'S LIFE 2ND-5TH GRADE

The Arboretum is home to hundreds of plant and animal species, including many bugs! In this program, students identify 'bug' as an informal name given to terrestrial arthropods and observe live organisms to identify the traits that make insects different from other arthropods. Students look closely at arthropod adaptations that support survival in different environments and investigate the unique life cycles of different organisms, including complete and incomplete metamorphosis.

DISAPPEARING ACT 3RD-6TH GRADE

What happens when an organism in an ecosystem disappears? Students first investigate three organisms: white-tailed deer, post oak trees and grey wolves. They create a model of the Post Oak Savannah to actively simulate how the local extinction of wolves in this area affects all components of the ecosystem. Each student acts as either a wolf or a deer in this engaging, interactive lab.



GARDEN DESIGN CHALLENGE 3RD-6TH GRADE

What environmental factors and landscape design choices must our horticulture staff consider when designing our seasonal plantings? In this multi-disciplinary lab, students work with actual Arboretum plant lists and design notes to create a landscape in the garden. Follow up the class with a visit to the space students just designed! [Only offered on-site]

RESTLESS EARTH 3RD-5TH GRADE

Every place has a story. In this lab, students study maps to identify features of Earth's surface. They then explore the slow processes that create geological change: weathering, erosion and deposition. 3rd grade students investigate how these processes lead to the formation of soils, and older students identify how these processes lead to the formation of landforms. Students use this information to explain why certain places look the way they do and predict how areas could change in the future.



CLASSROOM LABS & OUTREACH PROGRAMS

DIVING INTO PHYSICAL PROPERTIES 3RD GRADE

How do our actions in North Texas contribute to the issue of marine debris? In this lesson students will explore how trash enters our waterways and ultimately flows to the ocean. They will then investigate an issue closer to home by making observations of a collection of objects that fell into one of the Arboretum's water features. After determining the physical properties of each object, students will advise Arboretum staff on the best tool to use to retrieve each object. \mathcal{D}



ENERGY IN THE GARDEN 3RD GRADE

How can we use different forms of energy to solve problems that arise in a garden? After exploring, describing and identifying four forms of energy (mechanical, light, thermal and sound) in everyday objects, students are presented with garden scenarios. They are then challenged to design strategies to address the problems using different forms of energy.

RAPID CHANGES 3RD GRADE



How do volcanoes, earthquakes and landslides impact Earth's surface? Students explore images that show the aftermath of volcanoes, landslides and earthquakes. Then they use models to further investigate these geological processes. Students are challenged to describe a strength and weakness of each model.

MODELS: SUN, EARTH & MOON 3RD GRADE

Take a bird's-eye view of space! Students first create a human-sized model to demonstrate the relative positions of the Sun, Earth and Moon and the orbits of the Earth and our Moon. Then, they use 3D printed models to demonstrate the same concepts, in a different way. Finally, students are challenged to create their own 2D model to demonstrate their understanding.





A TOUR OF TEXAS: EXPLORING ENVIRONMENTS ACROSS OUR STATE

3RD GRADE

Experience the diversity of life across our state! Students will first observe the characteristics of three different Texas environments: Caddo Lake State Park, Blackland Prairie and Big Bend National Park. Students will then observe adaptations of various plants and animals and identify the environment where specific organisms would best survive.

LIFE CYCLES 3RD GRADE

Let us bring our live organisms to you! In this lesson students will make observations of four different arthropods at various stages in their life cycles and identify similarities and differences in how these organisms change over time. \mathcal{P}

MATTER OVER TIME 4TH GRADE

What happens to our trash over time? In this lab, students first measure and record physical properties of a "fresh" piece of trash. Then, they measure and record the physical properties of that same type of trash that has been buried in soil for multiple weeks. Students use this data to discuss what happens to trash in a landfill and discuss what we can do to reduce the amount matter that is added to landfills.





PICKLE POWERED 4TH GRADE

Can a pickle light a lightbulb? First, students differentiate among forms of energy, including mechanical, electrical, light, thermal and sound. Then, they identify these various forms of energy in electrical circuits and experiment with building a pickle battery, creating a circuit which powers a lightbulb.

STORIES FROM THE SOIL 4TH GRADE

What do properties of soils tell us about the environments they came from? Students will first examine properties of soils from different areas, including color and texture, capacity to retain water and ability to support the growth of plants. Students will then use what they learned to investigate and identify where a mystery soil sample came from.

Did you know?

Program results show significant growth in student STAAR success over their district peers!

Student documents and assessments available in English and Spanish.

These inquiry-based programs cover topics in all four reporting categories and even include access to STAAR-style pre/post questions.

EARTH'S WATER CYCLE 4TH GRADE

In this lab, students will move through 5 stations to investigate various components of the water cycle. They will identify how models can be used to represent natural phenomena and explore the sun's role in the continuous movement of water above and on the surface of Earth.

ALL ABOUT ANTS! TRAITS AND BEHAVIORS 4TH GRADE

Let us bring our ant farm collection to your classroom! In this lab, students explore and describe inherited traits and learned behaviors while observing live ants. First, students observe and identify the inherited traits ants share with all insects and those traits that make ants unique. Then, they discuss the behaviors of these social insects and identify the difference between instinctual behaviors and learned behaviors. \mathcal{D}



ECOSYSTEMS IN ACTION 4TH GRADE

What happens when the top predator leaves an ecosystem? In this lab, students identify the physical characteristics and ecological roles of 5 organisms: red wolves, post oak trees, turkey vultures, white-tailed deer and earthworms. Then, they create a food web to show how energy flows through this ecosystem. Finally, students play a game to explore how the local extinction of the red wolf in the eastern half of Texas impacts the entire food web.

CLASSROOM LABS & OUTREACH PROGRAMS

SORTING OUT MIXTURES 5TH GRADE

What is a mixture? In this lab, students will first identify the differences between heterogeneous mixtures and solutions. They will then work in groups to create mixtures from a collection of beads and make observations of the physical properties of the mixture as compared to the physical properties of the ingredients. Finally students will explore soil as a mixture and investigate the ingredients that make up soil.



GARDEN ART 5TH GRADE

How does light travel? In this lesson, students will first complete three investigations to explore how light travels in a straight line and changes direction when reflected or refracted. They will then be challenged to use what they learned about light to design a prototype of an art piece for the Dallas Arboretum.

LANDFORM FORMATION 5TH GRADE

Why does the surface of Earth look the way it does? First, students observe images of landforms from around the globe. Then they use stream tables to investigate and describe how wind, water and ice contribute to the formation of sand dunes, valleys, canyons and deltas. \mathcal{P}



EXPLORING DAY AND NIGHT 5TH GRADE

Why do we experience day and night? First, students make observations of a time-lapse video of the setting sun. Then, they experiment with two different models and construct an explanation based on direct and indirect evidence, to explain the cause of the day and night cycle.

ECO FLOW 5TH GRADE

Our arthropod collection will travel to you! In this lab, students observe live tarantulas, walking sticks, pill bugs and beetles in their habitats and identify interactions between living and nonliving components in these ecosystems.

AMAZING ADAPTATIONS: PLANTS

5TH GRADE

After reviewing the basic structures and functions of plants, students work through three stations to observe and describe a diverse selection of leaves, stems and roots. Students then learn about different Texas environments and infer, based on their observations, which plant grows best in each environment.



Did you know?

The Dallas Arboretum has a number of educational videos for children featuring virtual garden tours, fun activities and labs!



OTHER EDUCATIONAL PROGRAMMING



AFTERSCHOOL INVITE THE DALLAS ARBORETUM TO YOUR SITE TO MAKE AFTERSCHOOL A FUN AND ACTIVE LEARNING EXPERIENCE.

These highly interactive indoor and outdoor classes allow students to explore nature beyond the classroom walls. We offer custom programming to fit your academic needs – and we'll show students that nature is all around them, even in the schoolyard!

PROGRAM DETAILS

Programs offer a 7-week unit consisting of one weekly 90-minute lesson. Email education@dallasarboretum.org for program options.





OUTDOOR CLASSROOM SUPPORT

NEED SUPPORT WITH YOUR OUTDOOR GARDEN OR OUTDOOR LEARNING SPACE?

Let us partner with you to get the most out of your garden. Interested but don't have a garden space? Consider container gardening or check out our gardening with hydroponics to connect kids to science learning in the real world!

PROGRAM DETAILS

Prices are based on 1-2 hours per month over 3 months, totaling 6 hours of professional development. Visit dallasarboretum.org/education for more details about available options and pricing.



ACADEMIC OVERNIGHTS

SCHOOL OVERNIGHTS ARE THE PERFECT OPPORTUNITY TO EXPLORE SCIENCE CONTENT IN THE RORY MEYERS CHILDREN'S ADVENTURE GARDEN OUTSIDE OF SCHOOL HOURS!



Make your next school event a night of fun, hands-on learning and memories in the Rory Meyers Children's Adventure Garden! Students will have the garden to themselves as they participate in unique earth and life science classes, as well as travel through the solar system in our OmniGlobe Theatre, explore the gardens in a flashlight night hike and stargaze with experienced Arboretum staff.

Our programming even builds in opportunities for STAAR-style review of content learned. Your students will be having so much fun they won't realize how much they're learning. A light snack, continental breakfast, parking and next day garden admission are all included. Overnights are perfect for grade levels or club events! To request a date, please contact us at education@dallasarboretum.org.

RESERVATION POLICIES

ADMISSION

All on-site Arboretum educator-led field trips include access to the Children's Adventure Garden for Pre K-6th grade from March-December. Self-guided field trips do not include access to the Children's Adventure Garden. Access to the Children's Adventure Garden can be added to self-guided field trips for an additional fee for grades Pre K-6th. The Children's Adventure Garden is closed January 1-February 23.

Please note: A Tasteful Place and the DeGolyer House are not open to school groups. We kindly ask you notify parents/ chaperones to avoid these areas.

PROGRAMS AND PRICING

All Arboretum teacher-led field trips cost \$12 per student with access to the Children's Adventure Garden for Pre K-6th students included at no additional cost. Self-guided programs cost \$12 per attendee with a \$3 additional fee to add access to the Children's Adventure Garden. Program availability and pricing are subject to change.

Outreach programs outside of Dallas County are subject to a travel fee. Most programs are eligible for Learning Partners funds for DISD schools. Visit our Education website for the most current program pricing and travel fees.

CHANGES, PAYMENTS AND REFUNDS

A 50% non-refundable deposit is required at the time of reservation confirmation by the Education Department. Final payment is due 30 days prior to scheduled visit date. If not paying in full at the time of the reservation, please plan to have payment mailed in advance to ensure it arrives by the due date. Credit card payments accepted.

Programs reserved less than 30 days in advance of booked date require full payment upon reservation confirmation, of which 50% will be non-refundable. If payment is not made by due date, we reserve the right to open your booked reservation dates and class times to others.

No refunds except in the event of garden closings due to inclement weather or other issues deemed serious enough by the Dallas Arboretum to warrant cancellations. The Arboretum does not issue refunds or tickets for absent group members nor will it make adjustments to the attendance number past the time of booking confirmation, except to add additional tickets as needed.

If you need to reschedule or cancel your reservation, you MUST email Reservations at education@dallasarboretum.org TWO WEEKS before your scheduled visit in order for your payment to apply to one (1) future visit. Any additional future changes in bookings will require rebooking and a new 50% deposit. Cancellations can not be accepted after the two week deadline and require full payment.

SPECIAL NEEDS

Please let the Reservations Department know if you are bringing anyone with special needs in need of specific accommodations.

MEMBERSHIP

Dallas Arboretum membership or complimentary tickets are not valid for students in scheduled educational field trips, unless specifically advertised on our website.

CHAPERONES/ADULTS

Schools are required to maintain the 1:8 adult to student ratio at all times, with those teachers/chaperones receiving free admission. All teachers are counted towards this ratio.

Additional adults added at the time of booking will receive the discounted rate of \$15, including Children's Adventure Garden admission.

Otherwise, additional adults showing up the day of the field trip will be required to pay normal admission prices and may not be able to attend scheduled programs due to space limitations. Participants traveling in non-school vehicles to the Arboretum will be subject to parking policies and fees. Parking discounts may be available online.

SIBLINGS/STROLLERS

Education experiences are only open to school children included in the group reservation. Siblings and strollers should not be brought with chaperones and may be refused entry to educational programs.

PRICING

AT THE ARBORETUM	STUDENT PRICE*	LENGTH OF PROGRAM	GROUP SIZE		
CHILDREN'S ADVENTURE GARDEN					
Learning Gallery Program*	\$12	45 minutes	15-30 students		
Academic Overnights*	\$50	6 p m - 9 a m	20-60 students		
MAIN GARDEN					
Classroom Labs*	\$12	60 minutes	15-30 students		
Nature's Works of Art*	\$12	60 minutes	15-30 students		
SELF-GUIDED					
Our Place at Your Pace	\$12	Add Children's Adventure Garden access + \$3 per person – K-8 grade			
*Minimum fee of \$150 to book an Arboretum teacher-led program, and includes Children's Adventure Garden access.					

Additional adults may be added at the advertised fee (+ \$3 for Children's Adventure Garden) at the ticket booth unless prepaid at the time of the group reservation.

OUTREACH	ADDITIONAL INFORMATION	LENGTH OF PROGRAM	MAXIMUM GROUP SIZE	PRICE
Garden on the Go	Minimum of 3 bookings per school per day	60 minutes	30 max per session	\$200 per session
After School	Prices are based on a 7-week residency	90 minutes weekly	25	\$1,750
Outdoor Classroom Support	Prices are based on a 3-month partnership	1-2 hours a month	N/A	\$2,316

The Arboretum offers financial assistance of up to 50% off for Title I schools booking Arboretum teacher-led educational programming. Financial aid requests must be made at the time a field trip request is submitted to be considered for financial aid. Financial aid requests submitted after a field trip has been approved will not be honored. In addition, the Arboretum has limited funds to offer a \$100 bus stipend for Title I campuses that will be paid upon completion of your field trip. Field trips must be paid in full before receiving a bus stipend.



FINANCIAL AID

PROFESSIONAL LEARNING

ACTIVATING STUDENTS' IDEAS IN SCIENCE

Tuesday, October 10, 2023 • 4:30-6:30pm Teachers of Grades K–8 (2 hours of CPE)

Looking for a resource to help cultivate your teaching skills? Come discover ways to guide students' thinking through instructional next steps with Patrick Brown, the co-author of the new book Activating Students' Ideas: Linking Formative Assessment Probes to Instructional Sequence. In this hands-on course, we will model research-based instructional sequences to maximize sense-making in the science classroom.

Nonmember: \$40 • Member: \$35 • Add on copy of the book: \$35





MAKING SENSE OF EARTH CYCLES AND PATTERNS Saturday, November 4, 2023 • 8:30-11:30am Teachers of Grades K-8 (3 hours of CPE)

Discover how to guide student sense-making with data collection. Participants will explore earth and space topics through hands-on investigations that will allow students to identify and use patterns to explain scientific phenomena.

Nonmember: \$60 • Member: \$55

PREPARING FOR THE 2024 TOTAL SOLAR ECLIPSE Saturday, February 24, 2024 • 8:30-11:30am Teachers of Grades K–8 (3 hours of CPE)

On April 8, 2024 a total solar eclipse will cross North America – and Dallas is in the path of totality! Come discover ways to engage your students in eclipse science with Dr. Jeffrey Bennet, astrophysicist, educator and author of the award-winning book TOTALITY! An Eclipse Guide in Rhyme and Science. Participants will explore the science behind eclipses through hands-on activities and learn how to safely view the upcoming eclipse with students. Registration includes a copy of the book.



Nonmember: \$60 • Member: \$55



MAKING SENSE OF STRUCTURE AND FUNCTION Saturday, March 23, 2024 • 8:30-11:30am Teachers of Grades K–8 (3 hours of CPE)

Join us to explore structure and function through hands-on investigations that will allow students to identify and use patterns to explain scientific phenomena. Participants will also apply their understanding of structure and function in plants and animals to design solutions to problems using the engineering design process.

Nonmember: \$60 • Member: \$55

Learning is more fun with a colleague, each ticket purchased allows you to bring a colleague for free. Registration includes complimentary parking for one car. Visit www.dallasarboretum.org/education/professional-learning/ to register





LEARN MORE

Education at the Arboretum

The Dallas Arboretum and Botanical Garden has been engaging North Texans of all ages with educational programming for nearly two decades, making standards-based, hands-on learning fun for everyone.

Scan the QR code to see all of the education programs we offer:





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