Contents

The Marion Andrus Learning Center - featuring the Sally Pegues Oswald A Growing Place for Kids - is a bustling hub for year-round family programs and adult classes, as well as children’s garden and summer camp programs. More than 50,000 children each year participate in the Arboretum’s nationally recognized hands-on, science-based learning programs.

EDUCATION MISSION

To create active ways for people to explore the vital links between themselves, plants and the earth

"This is one of the best fieldtrips I take my first grade class on. I have been coming here for over 20+ years and it's always a positive experience."

— 1st grade Teacher 2008

This publication is available in alternative formats; disability accommodations will be provided upon request. Please call 952-443-1422.

The University of Minnesota is an equal opportunity educator and employer.

Major Support for the Arboretum’s Youth Education Programs generously provided by:
Another school year is here! The Arboretum wishes to be a valuable partner in your academic program this year by presenting engaging, standards based programming in a unique learning environment.

Whether you are looking to address a science standard, or explore the importance of plants to people of different cultures, choose from a full menu of hands-on plants experiences to meet your needs.

**How to use this guide:**

This is your guide to Arboretum school programs.

Start your search for the perfect program for your class with the Calendar at a Glance (Page 5).

Search for the program that meets your need by season, grade level and by fieldtrip (come to the Arboretum) or Plantmobile (the Arboretum comes to your classroom).

Turn to the page number indicated to find out program details including a description of the program, schedule, and standards addressed.

Call 952-443-1442 for information or to register.

**Use a free pass:**

The Free Pass below is provided so that you may preview the Arboretum for your class visit, or simply for you to enjoy some time at the Plant Place.

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**FREE PASS**

**ADMISSIONS**

**Teacher’s Name**

**Address**

**City**

**State**

**ZIP**

**Guest’s Name**

**Address**

**City**

**State**

**ZIP**

$18 VALUE

*Expiration date: August 15, 2010*

CONSIDER BECOMING AN ARBORETUM MEMBER! CALL 952-443-1440 TO LEARN MORE ABOUT SPECIAL PRICING FOR TEACHERS.

The Arboretum is located 9 miles west of I-494 on State Highway 5, near Chanhassen. (952) 443-1400 • www.arboretum.umn.edu
Planning Your Fieldtrip

RESERVATIONS OPEN AUGUST 19 • CALL 952-443-1422

CHECKLIST FOR GREAT LEARNING

1. CHOOSE A PROGRAM TO FIT YOUR NEEDS.
   • Need to meet a standard?
   • Want to extend your trip with lunch?
   • Prefer we come to your school?
   • Call 952-443-1422 to discuss program options.

2. MAKE A RESERVATION AT 952-443-1422.
   • Reserve any program starting August 19.

3. RECEIVE YOUR CONFIRMATION PACKET.
   • Check date, time, # students.
   • Make copies of Chaperone Guide.
   • Give Arboretum map to your bus driver.

4. GET READY FOR YOUR TRIP.
   • Please wear nametags.
   • Dress for outdoors, rain or shine. Winter programs are indoors. If weather makes travel unsafe, we will reschedule your visit.
   • Chaperones are free up to 1 adult:5 students; our minimum requirement is 1 adult:10. Adults beyond 1:5 pay $9 admission.
   • Lunch: outdoor picnic areas are open May – October; first-come, first-serve. Reserve an indoor lunch space November – April; fee $10/class.

5. PLANS CHANGE?
   • Call us ASAP 952-443-1422.
   • No refunds if you cancel less than 30 days in advance.

PROGRAM FEES

FIELDTRIPS
$5.00 per student

PLANTMOBILE PROGRAMS
$4.75 per student + $50 transportation fee to school

SCHOLARSHIP FUNDS AVAILABLE
See page 15 for details
# Calendar at-a-Glance

## For Every Grade and Season

### Seasonal Activities

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**Reflect and Write Activity Available**

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**On-Site Fieldtrips**

**PlantMobile**
Fall Fieldtrips

**FALL IN THE FOREST**

**GRADES K–1** (Limit 3 classes per time slot)

Meet the talking tree and learn who lives in each forest layer. See how sowbugs and mushrooms turn leaves and dead trees into soil. Search for signs of forest plants and animals on a forest hike.

**SCIENCE STANDARDS**

I. B. Scientific Inquiry
IV. B. Diversity of Organisms

**DATES**

Sept. 23 – Oct. 23
9:30 – 10:45
11:15 – 12:30
1:15 – 2:30

**APPLE HARVEST**

**GRADES 1–6** (Limit 3 classes per time slot)

Tour the orchard to see apple trees loaded with ripening fruit. Help make apple cider in an old-time cider press. Try an apple taste test, learn about apple blossom pollination, and taste fresh cider. TAKE HOME APPLES!

Two new Reflect & Write options, aligned with Minnesota Language Arts standards in writing.

**Grade 1:** We Went to the Orchard

**Grade 3:** Orchard Help Wanted: Hire Me!

**SCIENCE STANDARDS**

IV. B. Organisms
IV. C. Interdependence of Life
IV. D. Heredity

**DATES**

Sept. 15 – Oct. 14
9:30 – 10:45
11:15 – 12:30
1:15 – 2:30

**FEATURED FIELDTRIP**

**TREES FOR MINNESOTA**

**GRADES 3–6** (Limit 3 classes per time slot)

Get to know Minnesota Trees, how they grow, and their importance to people and wildlife. Discover trees of all shapes and sizes aglow with fall colors.

**SCIENCE STANDARDS**

IV. B. Diversity of Organisms
IV. F. Flow of Matter and Energy
(Also Native Tree ID)

**DATES**

Sept. 17 – Oct. 9
9:45 – 11:15
12:30 – 2:00

**IT’S A PUMPKIN’S LIFE**

**GRADES 1–2** (Limit 3 classes per time slot)

Hey, isn’t that a life cycle ripening in the garden? Play Life Cycle Bingo and search for plants in all stages of their lives. Start a pumpkin seed investigation. Compare the “insides” of pumpkins and their relatives. Estimate a giant pumpkin’s weight. TAKE HOME INVESTIGATIONS!

**SCIENCE STANDARDS**

I. B. Scientific Inquiry
IV. B. Organisms
IV. D. Heredity

**DATES**

Sept. 28 – Oct. 28
9:30 – 11:30
12:15 – 2:15

**RESERVATIONS OPEN AUGUST 19 • CALL 952-443-1422 • $5.00 PER STUDENT**
**INTERDEPENDENCE: PLANTS & ANIMAL INTERACTIONS**

GRADES 2–4 (Limit 2 classes per time slot)

Explore relationships between plants and animals in a forest community including food and shelter, pollination, and seed dispersal.

**SCIENCE STANDARDS**

I. B. Scientific Inquiry  
IV. B. Diversity of Organisms  
IV. C. Interdependence of Life

**DATES**

Sept. 17 – Oct. 8,  
9:45 – 11:15  
12:30 – 2:00

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**MOTHER EARTH: NATIVE WAYS WITH PLANTS**

GRADES 3–6 (Limit 3 classes per time slot)

Learn about Native American uses of plants from a Dakota tribal storyteller. Hear the legend of the first flute and how the cedar tree made its music. Sample traditional foods. Tour the bog trail to find the plants in nature.

CULTURAL INSTRUCTOR: JOSEPH CAMPBELL

**KEY CONCEPTS**

- Minnesota History  
- Cultural Studies  
- Native Plant Identification

**DATES**

Sept. 21 – Oct. 20  
9:30 – 11:30  
12:15 – 2:15

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**MINNESOTA HARVEST: HEALTHY EATING FROM AND FOR THE EARTH**

GRADES 3–6 (Limit 3 classes per time slot)

What does it matter where our food comes from? Students will explore how eating locally grown whole foods can save on gas. Use maps to calculate the trek foods take from field to table. Join us as we explore the foods grown in Minnesota, and examine the stories of how they got here. Students will harvest sweet potatoes from the Children’s Garden, mash apples into sauce, and husk popcorn from the cob as they learn about the origins of these plants and how they made their way into our Minnesota Thanksgiving celebration.

**KEY CONCEPTS**

- Nutrition  
- Local Foods  
- Minnesota Food Traditions

**DATES**

November 4 – 20  
9:30 – 11:30  
12:30 – 2:30

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**EXTEND YOUR TRIP**

Make a day of your visit to the Arboretum. Self-guided tour materials are available to help you and your students experience the Arboretum on your own. Call to get a sample tour sheet sent to you. Outdoor picnic shelters and grassy areas are available for eating lunch on a first-come first-served basis. Use the Teacher pass (page 3) to come preview the grounds and prepare for your self-guided tour. Check out self-guided tour options on page 14.

"The children—even my most reticent learners—were engaged, involved and enthused about each part of their experience."

— K teacher Fall 2008
**EXTENDED DAY OPTION**

**FOR GROUPS OF 3-5 CLASSES**

Extended Day Fieldtrips will have a lunch period built into the regular fieldtrip schedule. A customized schedule will be created and emailed to the scheduling teacher. Cost is an additional $10/per class and an extended time for the program will be required.

**WANT TO EAT LUNCH?**

Rent a lunchroom for your group to use before or after your winter fieldtrip. Ask about lunchroom availability at the time you reserve your winter fieldtrip. Groups renting lunchroom space must bring their own lunches and supervise all aspects of the lunch period including cleanup of the lunchroom. Cost is an additional $10/per class.

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**SPROUT!**

**GRADE K** (Limit 3 classes per time slot)

Meet the talking tree in a puppet show about the parts of a plant and what plants need. Visit the Greenhouse for a “please touch” experience with plants. Use your senses to search for plants of all shapes, sizes and colors. Plant seeds for follow-up studies. TAKE HOME PLANTINGS!

**SCIENCE STANDARDS**

I. B. Scientific Inquiry
IV. B. Diversity of Organisms
IV. G. Human Organism

**DATES**

December 1 – April 16
9:45 – 11, 12:30 – 1:45 (flexible)

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**PLANT TAKE-A-PART**

**GRADES 1–2** (Limit 3 classes per time slot; Extended day available for 4)

Who depends on plants? That’s the Mystery in Room 103. Solve it with the help of the talking tree. Go on Plant Part Patrol in the Greenhouse to explore diversity in the plant world. Trace familiar foods from plant to package, then use different plant parts to create a tasty treat. Plant seeds to observe and measure as plants grow from top to bottom. TAKE HOME INVESTIGATIONS!

**SCIENCE STANDARDS**

IV. B. Organisms
IV. F. Flow of Matter & Energy

**DATES**

December 8 – April 16
9:45 – 11:15, 12:30 – 2
(Also Nutrition)

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**GREEN GROCERY**

**GRADES 1–2** (Limit 3 classes per time slot; Extended day available for 5)

Discover the plants that provide our groceries. Find the sources of Hershey bars, bananas, Wheaties and pizza in the Greenhouse. Trace the energy flow through a food chain from sun to child. Do plantings to measure, then eat. Includes activities in the “Sunshine for Dinner” exhibits. TAKE HOME EDIBLE PLANTS!

New Reflect & Write options, aligned with Minnesota Language Arts standards in writing.

**Grade 1:** From Sun to Tummy Food Chain Stories

**Grade 2:** Plants in the Lunch Room?!

**SCIENCE STANDARDS**

IV. B. Organisms
IV. F. Flow of Matter & Energy

**DATES**

December 1 – April 16
9:30 – 11:30, 12:15 – 2:15
(Also Nutrition)
FEATURED FIELDTRIP

PLANTS & THEIR HABITATS
GRADES 3–6 (Limit 3 classes per time slot)

Imagine stepping into the shoes of scientists to inventory plants of earth’s rainforests, deserts and wetlands. Compare these environments and the adaptations that allow plants to survive under extreme conditions. Use microscopes in the lab and hands-on observations in the Greenhouse. Unique adaptations of insectivorous plants included.

TAKE HOME TERRARIUMS!

New Reflect & Write options, aligned with Minnesota Language Arts standards in writing.

Grade 3: Plant Habitat Riddles
Grade 4: Explorer’s Report

SCIENCE STANDARDS

DATES
I. B. Scientific Inquiry
December 8 – April 16
12:15 – 2:15
IV. B. Diversity of Organisms
9:30 – 11:30
IV. C. Interdependence of Life
9:30 – 11:30, 12:15 – 2:15

DAYS OF THE DINOSAURS
GRADES 2–4 (Limit 3 classes per time slot)

See tree ferns, cycads and horsetails, living relics of the plants that fed the dinosaurs eons ago. Discover different ways plants reproduce, and how plants have changed over millions of years. Students make terrariums with primitive plants. TAKE HOME TERRARIUMS!

SCIENCE STANDARDS

DATES
IV. B. Diversity of Organisms
December 15 – April 16
IV. E. Biological Populations
9:45 – 11:15, 12:30 – 2:30
Change Over Time

PEOPLE & THE RAINFOREST
GRADES 3–6 (Limit 3 classes per time slot)

Explore adaptations of rainforest trees and the plants living in their branches and beneath them. Find ways people everywhere depend on rainforests. See how vanilla vines grow and taste a real vanilla treat in the Harvest Kitchen. Search the Greenhouse for tropical plants we use. Includes activities in the “Sunshine for Dinner” exhibits. Students start cuttings from a rainforest plant. TAKE HOME TROPICAL PLANTS!

SCIENCE STANDARDS

DATES
IV. B. Diversity of Organisms
December 15 – April 16
IV. C. Interdependence of Life
9:30 – 11:30, 12:15 – 2:15
(Also Nutrition)

MAPLE SYRUP TIME
GRADES 1–6 (Limit 3 classes per time slot)

Hike into the woods to tap a maple tree and taste its sap. Visit the sugarhouse where sap is cooked to syrup. Learn about maple sugaring traditions of native people. Greet spring and sample the sweet flavor of photosynthesis!

New Reflect & Write options, aligned with Minnesota Language Arts standards in writing.

Grade 2: Get Ready for Maple Syrup Time
Grade 4: A Sweet Good-bye to Winter

SCIENCE STANDARDS

DATES
IV. B. Diversity of Organisms
March 15 – April 1
IV. F. Flow of Matter & Energy
9:30 – 10:45
Change Over Time
11:15 – 12:30
Flows of Matter & Energy
1:15 – 2:30
(Also Minnesota History, Cultural Studies)

"It was a great trip—the kids really enjoyed tapping the tree. We got to see it all up close and personal and it brought something we had read about to real life."

— Teacher, March 2009
Spring Fieldtrips

RESERVATIONS OPEN AUGUST 19 • CALL 952-443-1422 • $5.00 PER STUDENT

READY, SET, GROW!
GRADE K–1 (Limit 3 classes per time slot)

People, plants, animals—everything alive has a habitat. With the help of the talking tree, discover how we can plant habitats for birds, butterflies and other wildlife around our homes and schools. Search outdoors for signs of plants used by wildlife, start plants to feed caterpillars and provide nectar-filled flowers for butterflies. TAKE HOME PLANTS!

**SCIENCE STANDARDS**  **DATES**

I. B. Scientific Inquiry  April 26 – May 28
IV. C. Interdependence of Life  1:15 – 2:30

JAPANESE GARDEN
GRADES 1–6 (Limit 2 classes per time slot)

A Japanese garden reflects Japanese culture and values. Discover the traditions and visit Seisui-Tei, the Garden of Pure Water. Rocks are the backbone of the garden, forming the waterfall, the symbolic carp and tortoise. Create individual take-home gardens. TAKE HOME JAPANESE GARDENS!

New *Reflect & Write* options, aligned with Minnesota Language Arts standards in writing.

**Grade 1:** In a Japanese Garden

**Grade 4:** Haiku

**CONCEPTS**  **DATES**

- Cultural Studies  April 27 – May 28
- Geography of Japan  9:30 – 10:45, 11:15 – 12:30
- Seasonal Change  1:15 – 2:30

SPRING TO LIFE!
GRADES 1–2 (Limit 3 classes per time slot)

Spring plant life cycles ‘come to life’ as buds leaf out, seeds sprout and flowers open! Annual plants live a fast life, from seed to seed in a summer; ten years may pass before a tree’s first flower. Search for these ‘one-summer’ and ‘many-summer’ plants in different stages of their lives. Plant examples to take home. Play “Where’s my Baby?” under the trees, and find proof they’re parents. Search the gardens for spring blooms already swelling into fruit. TAKE HOME PLANTS!

**SCIENCE STANDARDS**  **DATES**

I. B. Scientific Inquiry  April 27 – May 28
IV. D. Heredity  1:15 – 2:30

“My students took in so much information because they were allowed to move and do!”

— Teacher, Spring 2009
**FEATURED FIELDTRIP**

**DISCOVER SPRING PEEPER MEADOW**  
**GRADES 2–6**

Follow the boardwalk from dry to squishy to underwater habitats in this restored sedge meadow wetland. Use dipnets and binoculars to see what plants and animals live here now. Help monitor Arboretum scientists’ work to bring nature back in a former cornfield.

**SCIENCE STANDARDS**  
I. B. Scientific Inquiry  
IV. B. Diversity of Organisms  
IV. G. Human Organism

**DATES**  
May 11 – May 27  
9:30 – 11:30, 12:30 – 2:30

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“Fabulous program once again—I like how (the instructors) talk at my kindergartners level.”

— Kindergarten teacher Spring 2008

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**WOODS IN BLOOM**  
**GRADES 3–6**

Dissect fresh flowers to learn their parts. Discover how pollinators are enticed to visit, thus helping seeds ripen. Enjoy drifts of wildflowers in bloom in the Dayton Wildflower Garden. Search for pollinators in action. Help gather data for a long-range study to monitor wildflower bloom-time, related to climate change.

**SCIENCE STANDARDS**  
IV. B. Diversity of Organisms  
IV. C. Interdependence of Life  
(also Native Wildflowers)

**DATES**  
April 26 – May 28  
9:30 – 10:45, 11:15 – 12:30  
1:15 – 2:30

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“*They observed so carefully, they touched, they sniffed, they explored as true scientists do.*”

— 3rd grade teacher Spring 2009

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**EXTEND YOUR TRIP**

Make a day of your visit to the Arboretum. Self Guided tour materials are available to help you and your students experience the Arboretum on your own. Call to get a sample tour sheet sent to you. Outdoor picnic shelters and grassy areas are available for eating lunch on a first-come first-served basis. Use the Teacher pass (page 3) to come preview the grounds and prepare for your self-guided tour.
CALL 952-443-1422 TO BOOK THE PLANTMOBILE TODAY • $4.75 PER STUDENT + $50 TRANSPORTATION FEE

Fall
OCTOBER 19 – NOVEMBER 25

BULBS & BLOOMS
GRADES K–2

Bright tulips and golden daffodils are favorite spring flowers, and fall is the season to plant them. Dissect a bulb and learn why some plants form bulbs. Discover how a bulb grows through the year. BULB PLANTINGS! Includes a follow-up student journal and teacher info packet.

SCIENCE STANDARDS
I. B. Scientific Inquiry: investigate bulbs
IV. B. Diversity of Organisms: bulb growth cycle
IV. D. Heredity: how bulbs reproduce

FALL’S ABLAZE
GRADES 3–6

Brick red and sunlit gold, trees are glowing with a colorful salute to summer’s end. Experiments and demonstrations explain how green chlorophyll is replaced by autumn’s colors. Chromatography activity included. TAKE HOME PIGMENT PROJECTS!

SCIENCE STANDARDS
I. A. Scientific World View
I. B. Scientific Inquiry
IV. B. Diversity of Organisms: plant structures
IV. F. Flow of Matter & Energy: photosynthesis

Early Winter
DECEMBER 2 – FEBRUARY 15

ZOOM IN ON PLANTS
GRADES 1–2

What makes a plant a plant? What plant part is like a sponge? What’s the hairiest plant part? Microscopes ignite students’ curiosity as they look up-close and hands-on at plant parts and functions. PLANT TROPISM EXPERIMENTS!

SCIENCE STANDARDS
I. B. Scientific Inquiry: use microscopes
IV. B. Diversity of Organisms: plant life cycle
IV. D. Heredity: plant seeds

PLANTS OF THE TROPICAL RAINFOREST
GRADES 3–6

Discover the amazing diversity of rainforest life. Use a mural and live plants to understand the forest layers. Explore adaptations and uses of rainforest plants, including taste-testing the story of chocolate. PLANT TROPICAL SEEDS!

SCIENCE STANDARDS
I. A. Scientific World View
I. B. Scientific Inquiry
IV. C. Interdependence of Life
IV. E. Biological Populations Change Over Time: adaptations
A PLANT PROGRAM IN YOUR CLASSROOM
RESERVATIONS OPEN AUGUST 19

We bring the hands-on science, real plants, microscopes, lively take-home investigations—it’s a discovery-filled fieldtrip right in your classroom! All programs last one hour. Minimum is 12 students/session, 2 sessions/day. Maximum is 32 students/session, 4 sessions/day. Minimum time between sessions is 15 minutes. Maximum time between morning and afternoon sessions is 1 1/2 hours.

CALL 952-443-1422 TO BOOK THE PLANTMOBILE TODAY • $4.75 PER STUDENT + $50 TRANSPORTATION FEE

Late Winter
FEBRUARY 17 – MARCH 29

EXPLORING THE DESERT
GRADES K–2

Meet Saguaro Sam, a talking cactus from the Sonoran desert in Arizona. Investigate the desert environment and discover the adaptations that allow desert plants to survive a dry place. PLANT DESERT PLANTS!

SCIENCE STANDARDS
I. B. Scientific Inquiry: observe/touch cacti
IV. B. Diversity of Organisms: grouping plants
IV. C. Interdependence of Life: adaptations

MINNESOTA TOUGH
GRADES 3–6

Imagine standing outside straight through our bone-chilling winters and sweltering summers. Icebox to sauna, our native trees and shrubs survive all of Minnesota’s extremes. Explore the adaptations that make them “Minnesota Tough”. Will dormant branches start spring growth early in your classroom? Watch and see. TAKE HOME TREE SEEDS!

SCIENCE STANDARDS
I. A. Scientific World View: classify plants
IV. B. Diversity of Organisms: plant structures

Spring
APRIL 1 – MAY 28

SUNFLOWER SUPREME
GRADES K–2

Sunflowers! These mighty monarchs provide us with seedy snacks, oils and yellow dye. Explore sunflower diversity in seeds and plant forms. Discover how a sunflower is part of a garden ecosystem. Plant sunflowers to observe their growth in school and at home. TAKE HOME SUNFLOWERS!

Includes follow-up Math activities!

SCIENCE STANDARDS
I. B. Scientific Inquiry: observe/touch sunflowers
IV. B. Diversity of Organisms: sunflower growth cycle
IV. C. Interdependence of Life
IV. D. Heredity

WANTED: WETLANDS
GRADES 3–6

Wanted: an environment that protects other areas from flooding, filters pollutants and provides rich habitat for wildlife. Explore different wetland communities. Discover plant adaptations for wet living. PLANT WETLAND PLANTS!

SCIENCE STANDARDS
I. A. Scientific World View
I. B. Scientific Inquiry
IV. B. Diversity of Organisms: plant structures
IV. C. Interdependence of Life
GREEN DISCOVERY BACKPACK
GRADERS PRE K–2

Loaded with handlenses, stories, puppets and other teaching aids, the Green Discovery Backpack allows you and your class to explore the Arboretum at your own pace. When you reserve it, you receive a Teacher’s Guide by mail to plan your visit. Then pick up the Backpack when you arrive. One Backpack serves 30 students.

CONCEPTS
• Parts of a Plant
• Using the Senses

DATES
May – October

FEE: $25 PER BACKPACK RENTAL
Includes Teacher’s Guide

HIKE FOR THE BIRDS
GRADERS 2–6

FREE Hike for the Birds flyers are available for students or student teams at the Visitor Center. This one-mile hike takes up to one hour, and is mostly paved. (NOTE: There is a fairly steep grassy hill at the end). Students search for six birdhouses and six plants that attract birds as they hike, and use the information on the signs to match each bird on the flyer with the right plant or house. When you reserve this self-guided visit, ask to receive a sample Hike for the Birds flyer by mail to plan your visit.

CONCEPTS
• Bird ID
• Habitat Needs
• Interdependence of Plants & Animals

DATES
May – October

FEE: FREE

WATEROSITY
SELF-GUIDED TOUR
GRADERS PRE K–12

Where was your water 65 million years ago?
Waterosity, the Arboretum’s 2009 summer exhibition about water is running through October 4. Use the tour sheet to explore the Waterosity exhibit with your students. You may schedule your Waterosity visit at the same time you make your fieldtrip reservations.

CONCEPTS
Water cycles
Water conservation

DATES
Exhibition ends
October 4, 2009

FEE: FREE

BUlG O’ ORIENTEERING COURSE
GRADERS 5–8

Pick up FREE Bug O’ Maps for student teams at the Visitor Center. Challenge your students to develop their map-reading, navigation and teamwork skills on our orienteering course. There are two levels, a short course (7 controls) and a long course (12 controls). Control checkpoints are marked by bronze cast insects. Approximate walking time varies from one to two hours. Teams observe and compare three native plant communities along the route. Call 952-443-1422 to receive a Bug O’ Teachers Guide by mail so you can plan your visit.

CONCEPTS
• Map-reading, Navigation
• Native Plants

DATES
April – November

FEE: FREE
Scholarships

The Arboretum is committed to making its educational opportunities accessible for all school audiences. With the generous support of the foundations and donors listed on page 2, we are pleased to offer a menu of scholarship opportunities for schools.

FIELDTRIP SCHOLARSHIPS:
Student fees will be reduced by 50% for all school groups whose school free and reduced lunch eligibility is greater than 25%. Scholarships are awarded on a first-come first-served basis while funds last.

BUS SCHOLARSHIPS:
Student fees will be waived and fieldtrip bus costs will be reimbursed for school groups whose school free and reduced lunch eligibility is greater than 50%. Bus scholarships are awarded on a first-come first-served basis while funds last. Limit one Bus Scholarship per school, per year.

PLANTMOBILE SCHOLARSHIPS:
Student fees and transportation fee is waived for schools with 30% or greater free and reduced lunch eligibility. Plantmobile scholarships are awarded on a first-come first-served basis. Limit one day per school per year while funds last. Scholarships available for Fall and Winter programs only.

MINNESOTA HARVEST: HEALTHY EATING FROM AND FOR THE EARTH

Looking for a Thanksgiving celebration that is uniquely Minnesota? This fieldtrip program puts students in touch with local foods and the land that produced it. Through a generous gift from Herb and Judy Goldenburg we are able to offer 20 bus and program scholarships for qualifying Urban Schools for this new fieldtrip that puts students in touch with local food from seeds to harvest to homemade snacks. Call our reservations office for details and to register for this opportunity.

KEY CONCEPTS | DATES
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Nutrition | Nov. 4-19
Local Foods | 9:30 – 11:30
Minnesota Food Traditions | 12:30 – 2:30

PARTNERSHIP FOR GROWING SCIENCE TEACHING

The two year, grant funded Arboretum partnership offers an immersion of plant based learning for the entire school community—students, teachers, and families. Partner schools are chosen based on need, academic focus, and school community interest. Please call 952-443-1422 for further details on the Arboretum’s Partnership for Growing Science Teaching and how schools can apply for the Partnership.
Finding the Arboretum

THE ARBORETUM IS LOCATED WEST OF CHANHASSEN ON STATE HIGHWAY 5, NINE MILES WEST OF 494.

WWW.ARBoretum.UMN.EDU