

## Registration Information

**To Register:** Call 517-782-3453 ext. 106  
9:00 am to 4:30 pm Monday through Friday.

**When:** Programs are offered Monday through Friday,  
on-site and outreach during regular school hours.

**Fees:** \$8/student (\$60 minimum/ program). Two classes  
(60 students) maximum per time slot for Field Trips and  
Outreach Programs. Teachers are admitted free, chaper-  
ones pay the \$8 student rate.

Fees are due on the day of the Program. Cash, credit card  
or make checks payable to: The Dahlem Conservancy.  
Cancellations made less than 48 hours in advance of the  
scheduled program are subject to the \$60 minimum  
charge.

### Grants for Programs and Transportation:

All online, information and applications  
Wheels to Woods (transportation)

[www.treefarmssystem.org/wheels-to-woods](http://www.treefarmssystem.org/wheels-to-woods)

Michigan Nature Association (program/transportation)  
[www.michigannature.org/menus/education.html](http://www.michigannature.org/menus/education.html) New  
funds available this school year 2023-2024 for program  
fees, transportation and educational supplies.

Meemic Foundation (programs/projects)  
[www.meemic.com/the-meemic-foundation/grant-  
opportunities.aspx](http://www.meemic.com/the-meemic-foundation/grant-opportunities.aspx)

Dahlem (programs/transportation)  
[dahlemcenter.org/school-programs/](http://dahlemcenter.org/school-programs/)

### Before You Call:

Check your school calendar and be prepared to provide  
the following information:

- Program title/theme
- On-site or Outreach
- Date and Time (am or pm), plus alternatives
- Grade level and number of students
- School name, address, and phone number
- Names of all participating teachers and their email addresses

**Thank you** for selecting Dahlem as your outdoor science  
based educational experience. We look forward to  
meeting and partnering with you.

## Contact Information

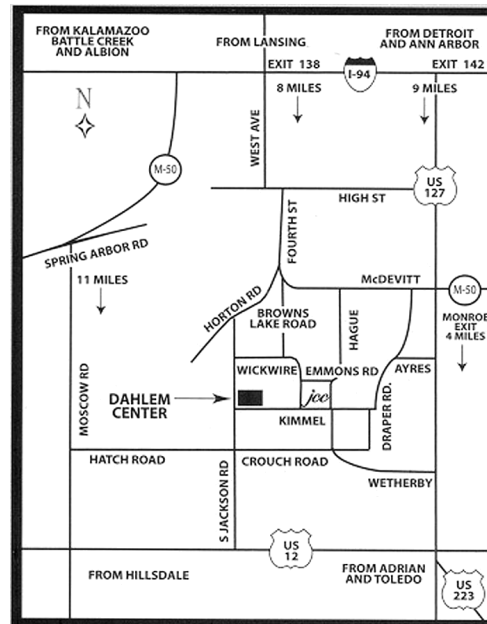
### THE DAHLEM CONSERVANCY *Dahlem Center & Nutshell Gift Shop*

7117 S. Jackson Rd.  
Jackson, MI 49201  
Tele. 517-782-3453 Fax 517-782-3441  
[www.dahlemcenter.org](http://www.dahlemcenter.org)

### Building Hours:

Tuesday - Friday	9:00 am to 4:00 pm
Saturday - Sunday	Closed
Monday	By Appointment

### Trails & Natural Playscape open daily dawn to dusk



### Save the Date...

October 27 & 28, 2023 **Goblin Walks; A Not-So-Scary Halloween** event for all ages. For additional programs & events, please visit our website.  
[DahlemCenter.org](http://DahlemCenter.org)



**Dahlem**  
Jackson's Nature Place

7117 S. Jackson Rd., Jackson MI 49201  
[www.dahlemcenter.org](http://www.dahlemcenter.org)

## Fall 2023

### Environmental Education Programs/Lessons



100% STEM/STEAM Appropriate

100% NGSS Compliant

100% Natural

All programs are aligned to the  
Michigan Common Core Standards and Next  
Generation Science Standards, and STEM

The Dahlem Environmental Education Center offers five miles of scenic trails through prairies, forests, marshes, and ponds. The Center is also home to an assortment of native Michigan animals, educational exhibits, and a wildlife viewing window.

## Dahlem Center Programs

Come visit us at the Center!



### *Signs of Fall* Kindergarten (1 1/4 hour) Sept. to Nov.

Listen! Watch! Touch! Smell! Discover the world around you as summer slowly turns into winter. How many signs can you find at home and school? Let's go out and explore!  
Standards: K.LS1.C K.LS1.1 K.ESS3.1 K.ESS2.2

### *Nature Prepares for Winter*

Kindergarten & Grade 1  
(1 1/2 hour) Sept. to Nov.

People prepare for the chilly weather, and so do plants and animals. Learn how seeds, fur, evergreen needles, underground homes, and "antifreeze" help nature's creatures survive the winter. Standards: K.LS1.C K.ESS2.1 1.LS1.A 1.LS1.1 1.LS3.1 2.ESS1.B 2.ESS1.C

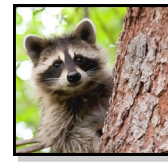


### *Minibeasts & Insects* Grades 1 & 2 (2 hours) Sept. to Oct.

Fall is a great season to study minibeasts and insects, because they are everywhere! What are some differences between them, their jobs (good & not-so-good), life cycles, and how they survive. After a short presentation, take a guided discovery walk to investigate their living spaces in different habitats, at the bug field use sweep nets to capture insects on the wing, and then study them to observe insect adaptations and family ID. A great program to be 'bugged' in a good way! Standards: K-LS1.1 K-ESS3.1 1.LS1.1 1.LS1.2 1.LS3.1 2.LS2.1 2.LS2.2 2.LS4.1 3.LS2.1 3.LS4.3 3.LS1.1 3.LS3.1

### *Animal Homes & Habitats*

Grades 1, 2 & 3 (2 hours)  
Sept. to Nov.



Where do animals live and why do they live there? Explore the habitats of many local wildlife species. Find out how their homes and habitats serve their needs and help them survive. Students participate in a predator-prey game and take an exploration hike. Standards: 1.LS1.A 2.LS2.C 3.LS1.1 3.LS2.1 3.LS4.2 3.LS4.3 3.LS2.C 3.LS4.4 4.LS1.1 4.LS1.2



### *Aquatic Studies* Grades 3-8 (1.5-2 hours) Spring & Fall

All life depends on clean water. A study of the biota at an aquatic ecosystem can be used to determine water quality. In this program, students sample for aquatic life at both a pond and a stream. Identification of living organisms (plants as well as animals) sampled at each site leads to a discussion on the quality of the water at Dahlem. Standards: 3.LS1.1 3.LS2.1 3.LS3.1 3.LS4.2 3.LS4.3 3.LS3.A & B 3.LS4.4 3.LS4.C & D 4.LS1.2 5.LS2.A



### *Annie's BIG Nature Lesson*

Grades 2-8  
(5 consecutive days during school hours)

ABNL is an environmental education program that brings children, parents, and teachers into the natural world for learning. This five consecutive day study trip is conducted at community nature centers and invites participants to immerse themselves in exploration of different habitats, learn with experts on site, observe and write for an hour each day, and make a positive difference through stewardship projects. Teacher and Naturalist Educator co-teach.

Teachers must attend a one day training session in the Fall/Winter in order to register their class for Annie's BIG Nature Lesson at a local participating nature center. Fee per class of up to 30 students; \$400/week. Each additional student is \$5/week. Standards: science processes, physical, life, and earth sciences.

### *Bird Beaks and Bird Adaptations* Grades 1, 2, 3 & 4 (2 hours)



Learn about bird adaptations, beaks, feet, feathers, and how to identify field marks during an interactive hands-on STEM lab activities and trail walk. Standards: 1.LS1.1 1.LS1.D 3.LS2.1 3.LS4.B 1.LS1.1 1.LS1.D 3.LS2.1 3.LS4.B 4.LS1-1 4.LS1-2

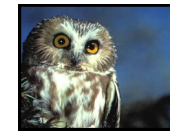
### *School Outreach or On-site at Dahlem Programs*

### *Skulls, Scats, & Tracks* Michigan Mammals

Grades 1-5, 1.5 hours program  
offered year round  
(Ideal for Jan./Feb.)



Students see and touch Michigan mammal skins and skulls, explore mammal classification, adaptations, and predator/prey relationships. Students also investigate animal signs such as scats and tracks that they can search for in their own backyards. STEM hands-on activity. Standards: 1.LSS1.A 2.LS3.1 2.LS4.1 3.LS3.A & B, 3.LS4.C & D 4.LS1.2 5.LS2.A



### *How to Build an Animal* Animal Adaptations Grades 1-5, 1.5 hours program offered year round (Ideal for Jan./Feb.)

How do beavers build their dams? Are all bird feathers the same? Do frogs swallow with their eyes? Students explore the fascinating array of animal adaptations and learn how each characteristic helps the species survive. STEM hands-on activity. Standards: 1.LSS1.A 1.LS3.1 2.LS4.1 3.LS3.A & B, 3.LS4.C & D 4.LS1.2 5.LS2.A

These programs can be adapted to other grade levels and tailored to your needs. Just let us know what you would like and we will work together. Other programs can be developed for additional fee if our educator is available.