Discover Nature

Programs and News from the ODC Network

Winter 2022

The ODC Network is a collection of business divisions with the mission to advance outdoor education and conservation in West Michigan.



FREE ADMISSION-Two Locations!



4214 56th Street • Holland, MI • 49423

The Outdoor Discovery Center is 155 acres with about 3 miles of trails, located on the south side of Holland, just south of West Michigan Regional Airport. Admission is free! Trails open dawn to dusk—Visitors Center open 10 AM–3 PM, Tuesday–Saturday.

600 Graafschap Road • Holland, MI • 49423



DeGraaf Nature Center is 18 acres of forest and wetlands located within the City of Holland, just south of Lake Macatawa. Admission is free! Trails open dawn to dusk—Helen 0 Brower Visitors Center open 10 AM–3 PM, Tuesday–Saturday.



Preschool Registration for 2022-23 School Year Opens January 6

The ODC Education Network offers preschool classes for 3 and 4 year old children at each of our three preschool campuses. Running from mid-September to mid-May, we offer a naturebased preschool program that is unique in its emphasis on outdoor play as a key component for preschoolers' development and school readiness. Children spend at least half of each class session outdoors—throughout the year!



Join us for a Program!

In the following pages, you will find titles or descriptions of our community programs available in the upcoming months. Look for more on our website or Facebook!

Program Locations

Programs may be held at the **Outdoor Discovery Center**, at **DeGraaf Nature Center**, or at **various other parks** and natural areas in our community. Attend programs closest to you—or discover new places in our community. All locations are listed next to the program title—when necessary, the address and details can be found in *italics* beneath the program description.



Outdoor Discovery Center 4214 56th Street Holland, MI 49423 outdoordiscovery.org



DeGraaf Nature Center 600 Graafschap Road Holland, MI 49423 **degraaf.org**



Other Locations Addresses listed beneath program description

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
January 2022							1 Christmas Bird Count
	2	3	4 Explore a Story	5	6	7 Knee-high Naturalists	8
						Snake Snacks	
	9	10 Homeschool— Winter Ecology	11	12	13	14 Knee-high Naturalists	15 Family Ice Fishing
	16	17	18	19 Nature	20	21 Knee-high	22
	10	17	10	for Tykes	20	Naturalists	22
	23	24	25	26	27	28 Knee-high	29
						Naturalists Owl Prowl	
	30	31	1	2	3	4 Knee-high	5 Snowshoe Hike
						Naturalists Snake Snacks	
February	6	7	8 Explore a Story	9	10	11 Knee-high Naturalists	12 Birds of Prey Photo Shoot
						Superb Owl Prowl	
	13	14 Homeschool— Birds	15	16 Nature for Tykes	17 Snowshoe Hike	18 Knee-high Naturalists	19 Great Backyard Bird Count
	20	21	22	23	24	25 Knee-high Naturalists	26
	07					1	-
	27	28	1	2	3	4 Knee-high Naturalists	5
	6	7 Homeschool—	8 Explore a Story	9	10	11 Knee-high	12 Maple Sugar
March		Maple Sugarbush				Naturalists VoLes	Time
	13	14	15	16 Nature	17	18 Knee-high	19 Maple Sugar
				for Tykes		Naturalists Snake Snacks	Time
	20	21	22	23	24	25 Knee-high Naturalists	26 VoLes
						- Natal and S	
	27	28	29	30	31	Find the rig for you at a	ht program
						at the top of eac	i ge ranges
	Register at outdoordiscovery.org					These are fle. ability and atte	

Dutdoor Discovery Center

Snake Snacks (ODC) Ages 0-99

Have you ever wondered what snakes eat? Snakes are carnivores and only eat other animals. They are definitely not vegetarians! Come to the Visitors Center and watch our resident serpents enjoy a meal.

Friday, February 4

Friday, January 7

Friday, March 1

4–5 PM • No registration necessary • Fee: \$6 per participant, \$4 for members

Homeschool Class–Winter Ecology (ODC) Ages 6-10 Drop-off

Michigan winters can be hard. Our local flora and fauna have some amazing ways of dealing with our cold temperatures and snow. Some animals even come to Michigan for the winter! Join this program to learn all about our local winter ecology. This drop-off program is geared for home schoolers ages 6 - 10. Please bring a water bottle and a snack. Dress for the weather as the majority of the program will be held outdoors.

Monday, January 10 • 10 AM-12 PM

Registration required • Fee: \$10 per participant



Knee-high Naturalists introduces the wonders of the natural world to young children. Crafts, activities, books, snacks, live animals, and outside exploration will be incorporated into their nature-based learning experience.

Parents can drop off their 4-6 year old or stay with the class. Parents or guardians are asked to attend with their 3 year old to help with bathroom use and transitioning into a group learning environment.

Friday, January 14 Friday, January 28 Friday, February 11 Friday, February 25

Friday, March 11 Friday, March 25

10 AM-12 PM • Registration required • Fee: \$10 per child, \$5 for members

Family Ice Fishing (ODC) Ages 0-99

Come wet a line in an ODC pond during this catch-and-release ice fishing day. All materials are provided including fishing poles, tackle, and bait. This is an open format program where visitors can fish as long as they would like. Dress to be outside for at least one hour. Participants will be able to use the Center's equipment up until 12 PM.

Saturday, January 15 • 10 AM–12 PM

Registration required • Fee: \$6 per fishing pole, \$4 for members • Ice condition dependent

Nature for Tykes (ODC) Ages 2-7

Bring out your little tykes to learn more about nature. In each program, you and your little tyke will have the opportunity to explore together. This winter we will be learning about tracks and scat, snow, and birds of prey! Please dress for the weather.

Wednesday, January 19 • Theme: Tracks and Scat Wednesday, February 16 • Theme: Snow Wednesday, March 16 • Theme: Birds of Prey

10–11:00 AM • Registration required • Fee: \$6 per child, \$4 for members

2022 Summer Camps

Registration for Summer Camps begins February 1! Check out the options on our website in January. Camps fill up fast so make sure your membership is up to date and you have access to your Doubleknot account now.



Birds of Prey Photo Shoot (ODC) Ages 10-99

For this photography program we will take four of our birds of prey out of their enclosures and perch them on natural branches, trees, and stumps. Then photographers can go wild as they take up close pictures of these amazing creatures. All of the birds will remain leashed throughout the program. This is a great chance to get those close-up shots of owls that seem impossible to get in nature. Registration limited.

Saturday, February 12 • 9:30–11 AM Registration required • Fee: \$20 per person, \$10 for members

Homeschool Class–Birds (ODC) Ages 6-10 Drop-off

We're flying with the birds today. We'll be going bird watching around the property with the help of binoculars, observing all the birds at our feeders, and meet some of our resident raptors up close and personal as we study birds at this program.

Monday, February 14 • 10 AM-12 PM Registration required • Fee: \$10 per participant



VoLes (Various Locations) Ages 12-18 Drop-off

Our Volunteer League (nicknamed "VoLes") is a service club for teens to experience what it takes to maintain a natural area and captive wildlife. This program is designed for 12–18 year olds who will work with staff on a variety of indoor and outdoor tasks at the ODC and DeGraaf. Past projects have included removing invasive species, cleaning up animal enclosures, and adding nature play features. It's a great way to earn those community service volunteer hours!

Fri, March 11 • 3:30–5 PM Sat, March 26 • 10 AM–12 PM Registration required • Fee: FREE Fri, April 15 • **3:30–5 PM** Sat, April 30 • **10 AM–12 PM** Fri, May 13 • 3:30–5 PM Sat, May 21 • 10 AM–12 PM

Snowshoe and Sled Rentals

Rent a pair of Ojibwa-style snowshoes to walk the trails of the Outdoor Discovery Center.

Snowshoes can be rented for \$5 per pair per adult. All kids 8-13 years are FREE with a paying adult (snowshoes are not designed for those 7 years and under). Sleds may also be rented for \$5 to tow small children.



Snowshoes and sleds can be borrowed from the Visitors Center during business hours if there's more than 4 inches of snow on the trails.

Snowshoes and sleds are only to be used on site, and some type of collateral must be left at the Visitor's Center (license, car keys, etc.) to be collected upon their return.

> With 4″ snow: Monday–Saturday 10 AM–2:30 PM

> No registration necessary

Fee: \$5 per adult Children 8–13 FREE with paying adult



Christmas Bird Count (DeGraaf) Ages 10-99

The Christmas Bird Count is in its 121st year as the longest running citizen science project on the planet. Help ODC staff tally all the birds in the Holland count circle. No experience is required other than a willingness to be outside!

Saturday, January 1 • 8 AM–1 PM • Registration required, email jamie@outdoordiscovery.org • Fee: FREE Ages 1-7

Explore a Story (DeGraaf)

It's time to round up the little ones and come to DeGraaf Nature Center for Explore a Story! We'll be introducing kids to the outdoors through books and outdoor adventures. We'll read stories, take hikes, meet animals, and have lots of fun. Dress for the weather because we'll be heading outside to experience the nature around us.

Tuesday, January 4 **Tuesday, February 8** 10–11 AM • No registration necessary • Fee: \$6 per child, \$4 for members **Tuesday, March 8**

Knee-high Naturalists (DeGraaf) Ages 3-6 Drop-off

Knee-high Naturalists introduces the wonders of the natural world to young children. Crafts, activities, books, snacks, live animals, and outside exploration will be incorporated into their nature-based learning experience.

Parents can drop off their 4-6 year old or stay with the class. Parents or guardians are asked to attend with their 3 year old to help with bathroom use and transitioning into a group learning environment.

Friday, January 7 Friday, January 21

Friday, February 4 Friday, February 18



Friday, March 4 Friday, March 18

10 AM-11:30 PM • Registration required • Fee: \$10 per child, \$5 per child for members

Great Backyard Bird Count (DeGraaf) Ages 6-99

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The Great Backyard Bird Count (GBBC) is a free, fun, and easy event that engages bird watchers of all ages in counting birds to create a real-time snapshot of bird populations. Anyone can take part in the Great Backyard Bird Count, from beginning bird watchers to experts, and you can participate from your backyard, or anywhere in the world. A naturalist will be in the Nature Center monitoring the feeders for the duration of this drop-in style program. They will help ID common birds at the feeders and talk about the importance of this annual count.

Saturday, February 19 • 11 AM-2 PM • No registration necessary • Fee: FREE

Monthly Sustainability Series: Check our online calendar for details!

Plant Survey Conducted in Macatawa River Greenway

In case you weren't sure, our staff do like to get outside the office on a regular basis. While it often involves teaching programs or taking care of our native habitats and captive wildlife, sometimes our staff perform surveys of property around the greater Macatawa Watershed. This includes examining streambanks for stability, looking for aquatic bugs, or monitoring for invasive species. This October, as part of a stream design project along the North Branch of the Macatawa River (aka the Tulip Intercounty Drain), several staff members and interns performed a vegetation survey along the streambanks near Van Raalte Farm. As part of a project with the Ottawa



keep an eye out for. While we did encounter thickets of multiflora rose and poison ivy, there were also a number of uncommon natives that were nice finds, including paw paw, spicebush, and calico aster.



Owl Prowl (Cooper-Van Wieren Park) Ages 6-99

Join us as we hike the trails of Cooper-van Wieren Park calling for resident owls. Our naturalist will give a brief intro on the natural history of Michigan's owls and then we will head out and see if we can hear any owls living nearby. Flashlights are welcome. Dress for the weather!

Friday, January 28 • 6–7 PM

Registration required • Fee: FREE - sponsored by Park Township Program Location: Cooper-Van Wieren Park, 1415 Perry St, Holland

Snowshoe Hike (Bysterveld Park) Ages 0-99

We are partnering with Allegan County Parks to offer a family snowshoe hike. Hikers will explore the trails of Bysterveld County Park in search of interesting animals and plants while walking in wooden, Ojibwa-style snowshoes. The snowshoes are ideal for people aged 8 years and up. Participants are welcome to wear their own snowshoes and bring a sled for little ones to be pulled while hiking. Be prepared to be outside the entire time hiking.

At least 4 inches of snow base is required in order for the loaner snowshoes to be available to the group. If there is not enough snow we will still be leading a winter walk.

Saturday, February 5 • 10–11 AM

Registration required • Fee: FREE - sponsored by Allegan County Parks, Recreation & Tourism Program Location: Bysterveld Park, 4171 14th Street, Wayland

Superb Owl Prowl (Sanctuary Woods) Ages 6-99

Hike the dune of Laketown Township's Sanctuary Woods in search of resident and migratory owls. The group will try to call in Eastern Screech, Barred and Great Horned Owls as they hike. Flashlights are welcome. Dress for the weather! Please note this hike does include approximately 170 stairs up a dune.

Friday, February 11 • 6:30–7:30 PM

Registration required • Fee: FREE - sponsored by Laketown Township Program Location: Sanctuary Woods, 66th Street, Holland

Snowshoe Hike (Park Township) Ages 0-99

We are partnering with Park Township to offer a snowshoe hike. Hikers will explore the natural areas surrounding Cooper-Van Wieren Park in search of interesting animals and plants while walking in wooden, Ojibwa-style snowshoes. The snowshoes are ideal for people aged 8 years and up. Participants are welcome to wear their own snowshoes and/or bring a sled for little ones to be pulled while hiking. Please meet at the Park Township Offices.

Be prepared to be outside the entire time hiking. At least 4 inches of snow base is required in order for the snowshoes to be available to the group.

Thursday, February 17 • 5-6 PM

Registration required • Fee: FREE - sponsored by Park Township Program Location: Park Township Offices, 52 152nd Ave, Holland

Homeschool Class–Spring in the Maple Sugarbush (Van Raalte Farm) Ages 6-10 Drop-off

Students will learn about the early signs of spring such as bird migrations and wildflowers. They will also learn about the parts of a tree and how trees make sap. Students may tap a tree or help gather sap to take to the evaporator. They will also see the evaporator in action and taste the final product!

This drop-off program is geared for home schoolers ages 6 - 10. Please bring a water bottle and a snack. Dress for the weather as the entire program will be held outdoors.

Monday, March 7 • 10 AM-12 PM

Registration required • Fee: \$10 per child Program Location: VanRaalte Farm Park, 1076 E 16th St, Holland





Maple Sugar Time (Van Raalte Farm) Ages 0-99

This family-friendly event takes place at the City of Holland's Van Raalte Farm where the sap will be flowing and the sugar house steaming! Join us as we tap trees, gather sap, and watch the evaporator boil the liquid down into real maple syrup. There will be lots of activities for the kids and we'll have maple snacks available for purchase. Don't miss this tasty spring ritual.

We need volunteers! Contact Ashley Van Zee at ashley@ outdoordiscovery.org, or call the office (616) 393-9453 for more information.

> Maple Sugar Time Saturdays • March 12 & 19 11 AM–3 PM



Program Location: VanRaalte Farm Park, 1076 E 16th St, Holland No registration necessary Fee: \$5 per vehicle









Wabgenkémen: Making Clay Together

This past fall, local ceramicist Jason Wesaw, Potawatomi tribe member, led an indigenous clay workshop at the ODC Cultural History Center. Thanks to the community partnership with CultureWorks and NEA Big Read Lakeshore, nine participants engaged in this two day workshop.

Jason Wesaw reflected with the participants on the act of "taking" clay from the earthsince the clay used was locally harvested and processed from Wolters Woods in Holland. Jason shared how the indigenous community honors the reciprocal relationship with the earth. He demonstrated it by making a tobacco offering back to the land where we took the clay from and in the fire pit used for the completed group pottery pieces. Tobacco is one of the four sacred medicines used in everyday indigenous life and ceremonies. These acts teach us that we all as humans can form a spiritual connection to the land as we take and use natural resources. We can also give back by being good stewards of the land we occupy.

Vanessa Gutierrez, ODC staff member and participant, shares her experience as a nonceramicist in the workshop: "When I was invited to participate I felt nervous because I hadn't created a clay piece in many years. There would also be talented ceramicists alongside me. I also wanted to honor the indigenous approach to pottery and didn't want to misuse materials. Within the first few moments Jason reassured everyone that these clay creations were about the process and not the end product. We were going to experiment with the clay and come to an agreement with ourselves that it would be ok if some didn't make it after firing them in the pit. The class dedicated time to build various pieces our minds envisioned. There were no blueprint or rules. It felt therapeutic molding the clay in my hands. In the end I had various pieces that made it through the firing and I loved the smoldered effect."









Though his work started in a modern studio with purchased clay, glazes, and kiln firing, Jason's exploration into traditional, indigenous pottery practices served as a cultural connection to his ancestors and invaluable experience alongside elders. Jason expertly preserves this historic knowledge while also dismantling a pervasive but incorrect belief that he regularly encounters: that all indigenous art must look like the pottery that was made hundreds and thousands of years ago. His minimalist creations have modern silhouettes, and only include the most essential ornamentation as a means of storytelling through objects. Jason uses paper, textiles, ceramics, and natural elements such as porcupine guills, dyed deer tail hair, and feathers to convey the inherent beauty and power found throughout the natural world.

Find his current work on Instagram: Condition Studio @jasonwesaw.



During the workshops, field trips of 3rd-5th graders learning about Indigenous culture from the Late Woodland Era were given the opportunity to view the creative process and ask Jason questions. Additionally, they completed a hands-on project, drawing inspiration from the seven original clans in Indigenous culture: Loon, Crane, Bird, Marten, Deer, Bear, and Fish. Students learned the roles of each clan, then worked in teams to build 3D representations of these animals out of clay.

At our Cultural History Center, we had the unique opportunity to learn the clay process from Jason from start to finish, at the slow pace that clay demands.



Our clay was harvested from a riverbed at Wolters Woods and transported to our vehicles by the bucket load.



In order to refine the clay, we left it to dry for a week. Once dry, the chunks were hammered into a fine powder.



A slurry of powdered clay and water was pushed through a sieve to remove sand, silt, or materials other than clay particles.



They then spent one 5-hour workshop learning the characteristics of three wild clay variations, and creating.



Participants learned to wedge the clay and incorporate grog, which are fine particles that lend resilience to the clay.



Too wet to work with, sieved clay was brought to CultureWorks' location on 6th Street in downtown Holland to dry.



The finished pieces were left to dry for two weeks before they were fired.



A hole was dug in a sand pit and filled with sawdust, straw, and our clay pieces, covered by wood shavings, sticks and logs.

Second Workshop Day



After 3 hours, the pieces were delicately unearthed to be brought home. Though some were lost, this was a successful firing!

Three New Ambassadors at De Witt Birds of Prey Center



Kim with the new Red-tailed Hawk

This October, we acquired two new Birds of Prey; a juvenile Red-tailed Hawk and a Cooper's Hawk. The juvenile Red-tailed Hawk can be found housed with the other Red-tailed. You can tell them apart by looking at the tails—juveniles have stripes, compared to the adult hawks' rusty brown tails.

The Cooper's Hawk can be found near the end of the west side of the building. Cooper's Hawks are fast-flying, forest-dwelling hawks that prey on other birds. We are excited to add this bird to our ambassador animal



Our new

American

Kestrel

team as this is the first type of hawk in a whole category of hawks called *accipiters* that we've ever had to use for education before!

We are also excited for the addition of a female American Kestrel we acquired in November. Kestrels are the smallest falcons in Michigan and she can be found near the other falcons in the Birds of Prey Center. All of these new birds are permanently injured and were determined by wildlife rehabilitators to be unable to return to the wild due to their injuries. The Cooper's Hawk has a disabled right shoulder due to a collision with a car. The American Kestrel had a broken wing. Due to her injuries, part of her wing had to be amputated. The new Red-tailed Hawk is blind in one eve and would be unable to hunt in the wild. We are licensed by the Michigan DNR and the US Fish and Wildlife Service to care for incapacitated animals and use them in educational programs. Our programs are meant to show visitors how best to respect and care Jur new Cooper's Hawi for the wildlife we all share the planet with, and we are delighted for these new additions to help us with our education programs!

Hawks in Michigan Can Be Divided into Two Groups

Species highlighted in green can be observed at our De Witt Birds of Prey Center



Field mark illustrations reproduced from A Concise Guide to Eastern Flying Hawks, by Haans Petruschke, courtesy of Detroit River International Wildlife Refuge, Detroit River Hawk Watch, and the International Wildlife Refuge Alliance.

Where Are They Now?



Catching up with nature-based education alumni!



Trevor Deroo has always been someone to try new things. As a middle school student in Hamilton, he was in the first ever class of a nature-based program called STREAM School. Trevor has now graduated and has found himself coming full circle. He recently accepted a job at Long Range Archery in Holland. Long Range is a great partner of the ODC Network and have been excellent supporters of our archery programs and hunter education as well.

We recently had a chance to sit down with Trevor and get caught up with him. Trevor shared that the most important thing about his nature-based experience was being able to get out beyond the classroom and experience things that made sense. He was most interested in learning how to apply school to situations that would require him to use skills and problem solving. The fact that a lot of it was in nature made it even better.

When Trevor graduated he started at a fabrication shop. When the opportunity grew at Long Range Archery, it was a no brainer for him. Trevor loves working with people, helping solve problems, and connecting folks with outdoor passions and experiences. He felt his experiences in STREAM School that required him to share his work, present, and talk to people were some of the biggest contributors to that. He also said that by doing the program, he learned the trait of just "going for it". That is the way he got into STREAM School and that is the way he wound up where he is as well. "You have to show up, show interest, and be willing to do something different if you want to follow your passions." says Deroo. He indicated the most important thing for young kids today is to get outside and just go for things. Too many



people are scared to try new things because of how it might look. By doing that in the past, it has allowed him to find his pathway as an adult. He feels like he is enjoying living to work rather than working to live at Long Range Archery.

The story is just beginning for Trevor. He has plans to continue training and gaining experience as an armorist. He is also developing his skills to help the business grow at Long Range through managing inventory, interfacing with customers, and finding ways to help people solve their problems and get them back out doing what they love.

A big thanks to Long Range Archery, Trevor, and all of the supporters of nature-based education in West Michigan. Stop in some time and check in to see Trevor and the work they are doing there to connect people to nature. Trevor's story is a huge reinforcement of the importance of our work at the ODC Education Network. Connecting kids with the outdoors through meaningful learning beyond the classroom is essential for our students but also for our greater community.

If you are interested in learning more about how we are making these connections with students in West Michigan, reach out to Bob Wandel at bob@outdoordiscovery.org.

Making Plans for Travel with the Explorer Network



We are excited to be resuming bucket list trips in 2022 and 2023 with the Explorer Network.

Look for unforgettable opportunities with our

seasoned trip leaders to the Amazon and Galapagos Islands of Ecuador, Isle Royale National Park in Lake Superior, the waterfalls of Hocking Hills and the National Parks and Wildlife Refuges of Southern Florida.

Learn more at outdoordiscovery.org/explore or email explore@outdoordiscovery.org.

Women in Nature: Hocking Hills April 2022

Enjoy the spring season with strolls along some of the many beautiful trails in Hocking Hills State Park on this trip just for women. This gorgeous state park invites a sense of renewal and connection to the outdoors and is sure to provide participants with a fun but relaxing experience!





Southern Florida • January 2023

The southern tip of Florida, far from theme parks and tourist traps, provides ample opportunities to explore habitats and wildlife that are unlike anywhere else in the continental United States. Turquoise waters give way to white sandy beaches strewn with shells of all shapes and sizes and the parks visited will leave you in awe.

Amazon Rainforest & Galapagos Islands March 2023

Your trip to Ecuador will be unforgettable as you visit the Kitchwa communities of the Amazon basin, iconic islands of the Galapagos and the wildlife-rich paramo habitat on the Andes Mountains. The group will be in the capable hands of expert guide Robert Cedeno for most of the tour.





Isle Royale • July 2023

Isle Royale National Park is an amazingly wild island national park located within the boundaries of Michigan in Lake Superior. The park's rugged features and stunning shoreline provide visitors with an immersive wilderness experience where they can unplug and take in all that the park has to offer.



Ribbon Cutting for the New Sally Smoly Nature Playscape

On October 27, we celebrated the grand opening of the Sally Smoly Nature Playscape at Window on the Waterfront in downtown Holland. Project supporters including donors, city of Holland officials, and the Seedlings Discovery Preschool class were able to be present at the event with over 100 people in attendance. After ODC Network's CEO, Travis



Williams, shared sentiments from Sally Smoly's family and a thank you to our donors and the MEDC, and brief remarks from City of Holland Mayor Bocks, the students were able to cut the "ribbon," (a paper chain they made) and explore the new play space! Thank you to all who made this project possible!







214 56th Street • Holland, MI • 49423

