Program Offerings

The instructors at the Howell Nature Center encourage kids to become curious and inquiring students of nature, gaining the knowledge they need to become future leaders in environmental stewardship and conservation.

We can help shape your experience by aligning our curriculum with classroom standards, modifying programs to accommodate the needs of individual students, and providing support in the planning process.

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Contact us at 517-546-0249 or reservations@howllofnaturecenter.org to start your booking!

Certain Adventure and Cultural Education programs have an upcharge, as indicated by this symbol

Unless otherwise indicated, programs occur year-round and take place outdoors rain or shine. Please contact the reservations team regarding the availability of a program outside the listed grade and month ranges.

All program selections need to be received in advance according to the expectations set by the reservations team, to ensure we have the resources available to meet your needs. While we do our best to accommodate all our groups, programs are subject to availability and may be changed at our discretion.
Outdoor Education

**Waterfront (Apr - Oct)*

**Canoeing (2nd and up)**
Learn basic paddle strokes and boating safety, then secure your life jacket and develop your canoeing skills on the beautiful Pleasant Lake. (1 Hour)

**Kayaking (5th and up)**
Learn basic paddle strokes and boating safety, then secure your life jacket and develop your kayaking skills on the beautiful Pleasant Lake. (1 Hour)

**Fishing (3rd - 8th)**
Experience catch-and-release fishing techniques for recreational angling and discover who lives in Pleasant Lake. (1 Hour)

*Canoeing and kayaking cannot be done in high winds or poor water conditions. In that event, suitable alternative programming will be provided.

**Exploring Maps**
3rd - 6th Grades
Discover and explore the joy of reading maps. Learn about a variety of maps and their uses, then use map skills in a fun outdoor activity. (1 Hour)

**Orienteering**
4th Grade - Adult
Participants will learn how to use a compass in this hands-on program. Students will practice their new compass skills to navigate a beginner challenge course. (1 Hour)

**Archery**
2nd Grade - Adult
Available March to November
Learn the basics of archery and attempt to hit the bullseye with simple longbow and target arrows. (1 Hour)

**Survival I**
3rd - 8th Grade
Learn outdoor survival strategies using hands-on activities. Students will work in small groups to build a fire and shelter. (1 Hour)

**Survival II**
4th - 8th Grade
Take the survival challenge to the next level by adding an extra hour of outdoor skill building. In addition to fire and shelter building, students will boil water. (2 Hours)

**Winter Recreation (Dec - Feb)*

**Sledding (all ages)**
Fly down the hill in an hour of unstructured fun in the outdoors. HNC will provide sleds and a guide to the sledding hills. (1 Hour)

**Snowshoeing (all ages)**
Enjoy this classic Michigan adventure as you traverse the beautiful trails of the Howell Nature Center. (1 Hour)

**Cross Country Skiing (5th and up)**
Let our trained instructors take you on a journey along the beautiful trails of the Howell Nature Center. (2 Hours)

*Winter recreation cannot be done with less than 3 inches of snow. In that event, suitable alternative programming will be provided.
Outdoor Education

Capture the Flag
2nd - Adult
Play this fun game under the guidance of our staff. (1 Hour)

Camp Store and Games
Preschool - 12th Grades
Visit our camp store to find a special memento of your visit to the Howell Nature Center. Play fun games outside when your shopping is complete. (1 Hour)

Games Galore
Preschool - 12th Grades
Learn new group games, expend some extra energy, and have loads of recreational fun. (1 Hour)

Outdoor Cooking
3rd - 12th Grades
Children will start this class by learning how to build a proper fire suitable for cooking. Together in small teams, they'll then prepare and cook their food over an open fire. Along the way, they will learn responsibility by maintaining their cooking areas, utensils, and equipment, and by washing their own dishes after enjoying their delicious food. (2 Hours)

Wolf
2nd - 12th Grades
Practice your wolf howl and get ready to run! Teams will range over the Howell Nature Center property in this adventurous game of hide and seek. (1 Hour)

Outdoor Education

Pond & Wetland Studies
Available April to October

Pond Discovery (K - 2nd)
Young adventurers will discover wetland habitats, ecosystems, macroinvertebrates, and the stages of life of different living things in a pond. (1 Hour)

Pond Explorers (3rd - 5th)
Elementary explorers will learn to identify characteristics of different macroinvertebrates, how these adaptations help them survive in their pond habitat, and the difference between observations and inferences. (1 Hour)

Pond Study (6th - 12th)
Middle schoolers will learn to identify, compare, and contrast common macroinvertebrates found in the different areas of a pond. They will hypothesize about what they might find, test their hypothesis, form a conclusion, and share their findings. (1 or 2 Hours)
Winter Wonders (Pre - 2nd)
Explore a winter wonderland at the Howell Nature Center! Learn about the seasons and how humans and animals change our behaviors to stay warm. (1 Hour)

Nature In Winter (3rd - 8th)
How do animals survive winter? Learn about exciting animal adaptations to our cold Michigan winters through activities and a guided nature hike. (1 Hour)

Nature Activity Hike
Preschool - 2nd Grade
Available in all seasons
Take a guided nature hike and explore nature with four of the five senses: touch, smell, hearing, sight. Students will play interactive games that practice observation skills, gaining confidence in the outdoors. (1 Hour)

Nature Scavenger Hunt
3rd - 4th Grade
Available in all seasons
Experience nature while working as a group to find as many objects as possible. Who will get a bingo first? (1 Hour)

Edible Plants
4th - Adult
Available April to October
Get a real taste of nature! Hike outdoors with our experienced naturalists and learn about some tasty woodland treats, as well as important plants to avoid. (1 Hour)

Investigating Insects
Preschool - 4th Grades
Available April to October
Who is creeping and crawling in our backyards? Students will learn all about insects and their life cycles, explore the characteristics of insects, and go on an outdoor bug hike. (1 Hour)
Nature Education

Adaptations
4th - 8th Grades
Learn how wildlife survive in challenging environments, then design and name your own wild “discovery”. (1 Hour)

Skins and Skulls
4th - 8th Grades
See real animal skins and skulls up close! Students will learn about the amazing adaptations of herbivores, omnivores, and carnivores; and participate in a fun identification challenge. (1 Hour)

Food Webs
4th - 8th Grades
Students will explore the movement of energy through an ecosystem, and how cause and effect relationships will impact a food web. (1 Hour)

Predator and Prey Games
K - 8th Grades
Through fun and active games, students will learn important concepts in predator and prey relationships at an age-appropriate level. (1 Hour)

Wildlife Education

Wild Wonders Tour I
All ages
Learn about the adaptations of Michigan wildlife in an expertly guided tour of Livingston County’s only teaching zoo! (1 Hour)

Wild Wonders Tour II
6th Grade - Adult
Learn about the adaptations of Michigan wildlife in an expertly guided tour of Livingston County’s only teaching zoo! In this extended tour, students will have the opportunity to delve deeper into the natural history of the individuals and species who reside in our Discovery Park. (2 Hours)

Zoo Enrichment
3rd - Adult
Take the challenge to enrich the lives of animal residents in Livingston County's only teaching zoo! Use expert knowledge on animal behavior to formulate a custom creation for select zoo residents, then put your creation to the test in a guided zoo tour where your enrichment is delivered to wildlife for you. Truly a one-of-a-kind experience! (2 Hours)
Wildlife Education

Live Wildlife Education Presentations

Programs with live animals
Two wildlife ambassadors are featured in these programs along with biofacts, hands-on interactives, and fun educational activities.

MythCrackers: Common Animal Myths
Are owls truly wise? Do turtles come out of their shells? You’ll find the answers to these questions and more! This program addresses common wildlife myths and, together with the audience’s help, we’ll find out if they are “correct” or “cracked” while learning about wildlife.

Wild Super Powers
What do Batman, Spiderman, and Cat Woman have in common? They base their powers on amazing wildlife adaptations and abilities! Learn all about wildlife “super powers” that help them survive in the wild.

Wildlife In Your Backyard
We share our world with wildlife, even our backyards! Meet some of our Wildlife Ambassadors and learn about the wildlife found around our homes, including their characteristics and behaviors, how they can benefit us, and what we can do to help them survive in the wild.

Wild Rehab (3rd Grade & Up)
As Michigan’s largest wildlife rehabilitator, the Howell Nature Center treats thousands of wild animals every year — from common to endangered species — with the hope of returning these animals to their homes in the wild. But what does wildlife rehabilitation entail? Learn more about threats to wildlife, what we do, and what you can do to help.

Interactive Wildlife Education Programs

Programs without live animals
These engaging programs offer an exciting "adventure-in-learning" with biofacts, hands-on interactives, and fun educational activities.

Birds of Prey
Get hands-on with bird wings, feet, and skulls to learn about birds of prey! We explore different types of raptors and their unique characteristics, habitat, diet, and importance to the environment, and activities will help give you a bird’s eye view of the lives of these amazing animals.

Fur, Feathers, and Scales
Do you know why reptiles and mammals have teeth but birds don’t? Birds, mammals, and reptiles all have unique adaptations to help them survive. Explore them with the help of our educators in this program full of hands-on learning.

Wildlife Detectives (3rd Grade & Up)
What clues do animals leave behind and what can we learn from them? This hands-on, interactive program explores bones, tracks, pellets, and scat to give you a better understanding of the wildlife around you. During this program, you will use your detective skills to solve wildlife mysteries!
Zip Line

1st Grade - Adult
Available in all seasons
Experience the thrill of a ride through the trees on our 500 foot zipline, soaring over a pond with the help of our trained staff. (1 Hour)

Climbing Tower (Staff Belay)

2nd Grade - Adult
Test your rock-climbing skills on our 60 foot climbing tower, one of the tallest in Michigan! Students are belayed up the wall by trained staff members. (2 Hours)

Climbing Tower (Team Belay)

5th Grade - Adult
Test your rock-climbing skills on our 60 foot climbing tower, one of the tallest in Michigan! Students participate in a team belay system, supervised by our trained belay staff. (2 Hours)

High Ropes Course

5th Grade - Adult
Take your adventure to higher heights on our new, multi-level High Ropes Course! With 14 different obstacles spread across 2 levels, this course has something for everyone, whether that means starting on the lower 15 foot level or jumping straight to the challenging 25 foot top level! (2 hours)

Giant Swing

7th Grade - Adult
Experience being pulled up to 40ft in the sky by a rope and released into the air! Participants are safely attached to a harness, and have control over the height at which the swing releases. (2 Hours)

Leap of Faith

7th Grade - Adult
Participants will experience a team-building adventure 30 feet in the trees. This experience includes climbing a tree, standing on a 6 inch platform and jumping out to hit a boat buoy while your team lowers you to the ground. (1 Hour)

Crate Stack

7th Grade - Adult
Test your climbing skills in this challenge! While safely secured to a rope, attempt to climb as high as you can using a tower of milk crates. The more crates you add, the shakier your tower becomes. How high can you go before the tower tumbles? (2 Hours)

High Adventure!

Unless noted, available April to October
All high adventure programs have a weight range of 50 to 250 pounds and are subject to limited availability.
Adventure Education

Team Building Programs

**Adventure Play (Pre - 2nd)**
Play fun, interactive games to encourage cooperation and communication skills. Learn to be gentle, kind, and safe in a positive manner. (1 Hour)

**Team Challenge (3rd - 12th)**
Usage of low ropes is dependent on age, duration, and maturity level of students
Work with your team to get over, under, or through a series of ground games and low rope elements. Challenge yourself, support your team, and debrief the experience at the end. (1 or 2 Hours)

**Professional Team Building (Adults)**
Learn what it takes to be a high performing team. Make decisions, solve problems, and support team members as a group.

*This program is intended for groups in the process of improving team performance and is customized to the needs and goals of your group. Contact us to learn more this option!*

Cultural Education

**Drumming Around the World**
*All ages*
Students will learn about drums, the world's oldest instrument, and its uses in cultures around the world. This fun, hands-on addition to a Michigan history curriculum involves the use of real drums by students. (1 Hour)

**Indigenous People's Use of Natural Resources**
*3rd - 8th Grades*
Learn about everyday life for Michigan's Indigenous People of the past through artifacts and demonstrations. Learn the role of plants and wildlife in Indigenous People's cultures and games. A great hands-on addition to a Michigan history curriculum. (1 Hour)

*Can be done indoors!*
In partnership with Heifer International, the Howell Nature Center operates the Heifer Global Village, one of two educational training centers in the United States. Through immersive, hands-on programming, the Global Village aims to educate participants of the causes and effects of hunger and poverty, and to enable them to make a difference in the lives of those in their own communities and around the world. Available April though November.

**Cultural Education**

**HEIFER GLOBAL VILLAGE**

**International Explorers**

*K - 6th Grades*

Explore what life is like for kids in different countries. Enjoy seeing houses and playing games from around the world! (1 Hour)

**Global Tour**

*5th Grade - Adult*

Take a more in depth look at what life is like for people around the world by touring the Heifer Global Village at the Howell Nature Center. (2 Hours)

**Cultural Connections**

*5th Grade - Adult*

Develop a better understanding of how culture and community influences daily life and about challenges people face like poverty and hunger. After touring the Global Village, prepare a traditional meal over a camp-stove and an open fire. (4 Hours)

**Global Gateway (Day)**

*6th Grade - Adult*

After the Global Tour, participants are randomly assigned to a house. While working with their “family” groups, participants find and barter for their meal and cook together over an open fire. The day ends with a debrief where participants develop a deeper understanding of inequalities in the world. (6 Hours)

**Global Gateway (Overnight)**

*6th Grade - Adult*

After the Global Tour, participants spend a night in the Global Village (with cold-weather options available). Assigned to a house and working with their “family” groups, participants find and barter for their food, cook together over an open fire, and sleep out in one of the Village’s rustic houses. The following morning is spent in an intensive debrief session in which participants develop a deeper understanding of inequalities in the world and come away inspired to make a difference in the lives of others. (24 Hour Overnight Visit)
Evening Traditions

**Campfire and S’mores**  
*Preschool - 12th Grades*  
Sit back and relax under the stars while enjoying the warmth of a fire. Our talented staff will guide the group in songs and stories, and end the night with s’mores. *(1 Hour)*

**Capture the Flag**  
*2nd - Adult*  
*Available April to October (limited by daylight)*  
Play this fun game under the guidance of our staff. *(1 Hour)*

**Games Galore**  
*Preschool - 12th Grades*  
Learn new group games, expend some extra energy, and have loads of recreational fun. *(1 Hour)*

**Night Hike**  
*3rd - Adult*  
*Activities are dependent on evening light level*  
Whooo’s moving in the dark? Explore the night-time woods through group games and activities, learning all about Michigan’s nocturnal creatures. *(1 Hour)*

**Wolf**  
*2nd - 12th Grades*  
Practice your wolf howl and get ready to run! Teams will range over the Howell Nature Center property in this adventurous game of hide and seek. *(1 Hour)*

**Adventure Scrabble**  
*5th - 8th Grades*  
We take scrabble to the next level in an exciting rendition of this classic game! Race against time and other teams to get scrabble pieces for your team’s ‘thinkers’. Thinkers will use their creativity, imagination, and word skills to turn the scrabble pieces into words for points. *(1 Hour)*

**Dance Party**  
*4th - 8th Grades*  
*Can be done indoors or outdoors*  
Put on your dancing shoes! Learn classic dance moves and modern group dances in this fun evening program. *(1 or 2 Hours)*

**Improv Night**  
*4th - 12th Grades*  
*Can be done indoors or outdoors*  
Exercise your creativity and imagination in this laugh-filled activity! Teams will compete to earn points through song competitions and silly improv prompts. *(1 Hour)*

**Skit Night**  
*4th - 12th Grades*  
*Can be done indoors or outdoors*  
Prepare for a night of fun and hilarity by working with a small group to act out a skit. Students will learn the tips and tricks to make their skits a success, while developing public speaking skills and confidence. That evening, the whole group will gather together to watch the performances. *(2 hours, 1 hour of preparation and practice, then 1 hour of performing Skits)*

Contact us at **517-546-0249** or **reservations@howellnaturecenter.org** to start planning your trip!