

Program Descriptions Guide

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 **517-375-9713** or
reservations@howellnaturecenter.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.*

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)



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)

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

**New for
2022!**

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)

Nature 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)

Nature Education

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)

Winter Hikes (Nov - Feb)

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)

Winter Scavenger Hunt

3rd - 4th Grade

Experience nature while working as a group to find as many objects as possible. In this version, we'll discover unique aspects of nature that can only be found in winter! (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 Education

**Can be done
indoors!**

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

Birds, Mammals, and Reptiles

See live birds and mammals from our Wild Wonders Wildlife Park up close. Learn about the habitat, behavior, and characteristics of wildlife that live in Michigan, maybe even in your backyard. (1 Hour)

Creature Conservation

As the pressure on our natural world increases, it is important to understand the role we play in helping conserve threatened species in our own neighborhoods. Audiences will learn how they can help while meeting threatened, endangered, and invasive species. Plus, see how successful conservation has saved some of Michigan's most majestic species. (1 Hour)

Creatures of the Night

Meet the creatures that come out at night! Meet owls and mammals and learn about their adaptations for living in the dark. (1 Hour)

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 how they can benefit us and what we can do to help them survive in the wild world. (1 Hour)

Little Critters *(Preschool)*

Connect with your "little critter" through nature. Meet one of our animal ambassadors and enjoy crafts, songs and stories about your favorite Howell Nature Center resident. (1 Hour)

Live Wildlife Presentations!

*Unless noted, presentations are for all ages
Each presentation includes three animals
Specific animals / species cannot be guaranteed
Can be done indoors or outdoors*

Lords of the Sky

See a variety of species of live birds of prey in this program as we explore the unique characteristics, habitat, diet, and importance to the environment of the different types of raptors. (1 Hour)

MythCrackers

Are owls truly wise? Do turtles come out of their shells? You'll find the answers to these questions and more in this new live wildlife animal presentation. This program addresses common wildlife myths and, together with the audience's help, we'll find out if they are "correct" or "cracked." (1 Hour)

Wild Super Powers

What do Batman, Spiderman, and Cat Woman have in common? They base their powers on amazing wildlife abilities. In this mixed wildlife presentation, we look at each animal's "super power" that helps them survive in the wild. (1 Hour)

Wild Rehab *(3rd grade and 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? Find out what we do and what you can do to help! (1 Hour)

Adventure Education

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

Climb to 25 feet and traverse the rope and wire obstacles with the help of our guided instructors. Choose your own path through the trees, and work with a partner on the ground. Exit the course via a ladder or a 250 foot zip line. (3 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*

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)

**New for
2022!**



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)



**Can be done
indoors!**

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)

Cultural Education

HEIFER GLOBAL VILLAGE

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 through November.*



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

Tour the Heifer Global Village at the Howell Nature Center. Take a more in depth look at what life is like for children and families around the world. (2 Hours)

Cultural Connections

5th Grade - Adult

Learn what life is like for children and families around the world, including the challenges people face, like poverty and hunger. Then prepare a traditional meal over campfires and stoves. Experience a unique culture while developing a better understanding of how culture and community influences daily life. (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. (8 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

Formerly known as Action Auction / Songfest

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)

Skits and 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.

(1 day hour to prepare skits, 1 evening hour)

Contact us at **517-375-9713** or
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to start planning your trip!