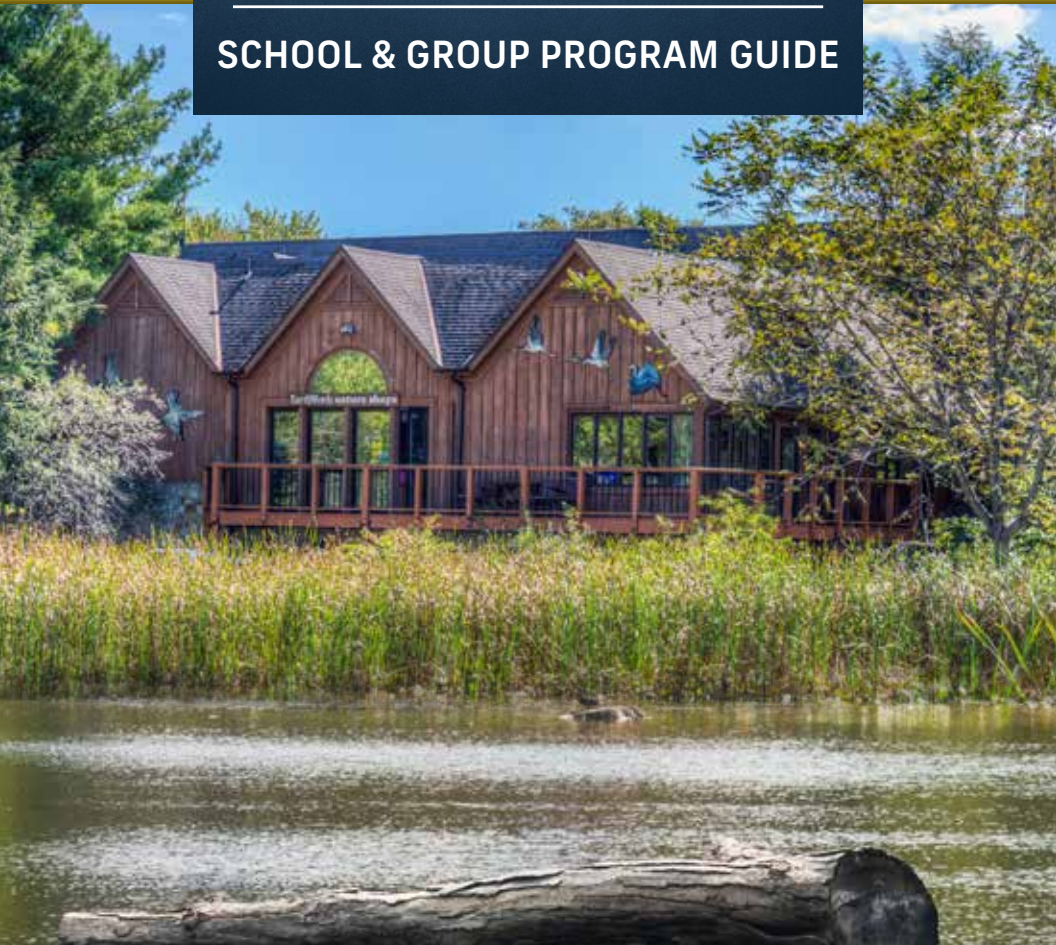




NORTH CHAGRIN **NATURE CENTER**

SCHOOL & GROUP PROGRAM GUIDE



401 Buttermilk Falls Parkway | Mayfield Village, OH 44143
(440) 473-3370 | clevelandmetroparks.com/ncnc

Cleveland Metroparks offers a wide variety of programs that align with Ohio's Learning Standards and are taught by our trained professional educators.

SCHEDULING A PROGRAM

Reservations are required for all school and group programs and must be made at least two weeks in advance (3 months is preferred). **Programs are free of charge for schools and groups within Cuyahoga County and Hinckley Township**, unless otherwise noted.

To schedule a program:

Call 440-473-3370, email northchagrinncc@clevelandmetroparks.com with the following information or fill out a program request at clevelandmetroparks.com/RequestaProgram

1. Program choice(s)
2. Preferred and alternate dates and times and location
3. School/group name, address, phone number, email and contact person
4. Grade/age level and number of people in your group (10-student minimum)
5. Any special needs of the group

Programs offered at Acacia, Euclid Creek, North Chagrin and South Chagrin reservations, North Chagrin Nature Center:

- Most programs take place outdoors or have an outdoor component. Please dress for the weather and wear closed-toe shoes. Programs take place rain or shine.
- Program length varies by content and age.
- Call if you are unable to keep your appointment or group size changes.

Programs offered at your school or location:

- If your group is unable to visit one of our locations, we can visit your location for free within the park district (Cuyahoga County and Hinckley Township). There is a charge for programs outside the park district.
- Programs at your location must have a minimum of 20 people.

Custom Programs

Many programs can be customized to meet your needs, including virtual options. Looking for something other than what is offered in the program guide? Call to discuss.

Transportation Vouchers

Schools in Cuyahoga County and Hinckley Township may apply for full or partial reimbursement from the Field Trip Transportation Fund to support the cost of travel to one of our locations for a program. Please inquire about the process and how to apply.

ADA Statement

Cleveland Metroparks staff can adapt many programs to be accessible to anyone who would like to participate, assuming they meet the essential eligibility criteria. Reasonable accommodation can also be provided. Please make a request at the time of registration but no later than 72 business hours prior to the program. Contact us at 440-473-3370.

Program locations labeled by color throughout this guide.

- AR** | Acacia Reservation
- ECR** | Euclid Creek Reservation
- NCR** | North Chagrin Reservation
- SCR** | South Chagrin Reservation
- OR** | Outreach (at your school or location)



PRE-KINDERGARTEN

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel and discover the traits unique to this group of animals by touching and observing furs, skulls and other biofacts.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest.



Reptiles & Amphibians

AR ECR NCR SCR OR

It's fun to learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander and discover the traits unique to this group of animals by touching and observing eggs, skeletons and other biofacts.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect how plants and animals survive in their habitats.

Sensational Senses

AR ECR NCR SCR OR

Discover how people and animals use their senses. Listen, look, touch and smell items from the natural world. Students will observe and investigate to explore the many ways living things use senses to survive in nature on this outdoor adventure.

KINDERGARTEN

Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Students will discover the traits and behaviors of various plants and animals on an exploratory hike through the forest.



Habitats

AR ECR NCR SCR

Where do different Ohio animals live, and what makes certain habitats unique? Students will discover the various food, water and shelter needs of wildlife while exploring habitats such as meadows, wetlands, streams, forests and Lake Erie.

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel and discover the traits unique to this class of animals by touching and observing furs, skulls and other biofacts.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest.

Reptiles & Amphibians

AR ECR NCR SCR OR

It's fun to learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander and discover the traits unique to this group of animals by touching and observing eggs, skeletons and other biofacts.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect how plants and animals survive in their habitats.

Sensational Senses

AR ECR NCR SCR OR

Discover how people and animals use their senses. Listen, look, touch and smell items from the natural world. Students will observe and investigate to explore the many ways living things use senses to survive in nature on this outdoor adventure.

Forest Explorers**ECR NCR SCR**

Forests are amazing, interconnected systems dominated by trees. Students will explore the traits and behaviors of various plants and animals on an exploratory hike through the forest.

Habitats**AR ECR NCR SCR**

Where do different Ohio animals live, and what makes certain habitats unique? Students will explore the various food, water and shelter needs of wildlife while exploring habitats such as meadows, wetlands, streams and forests.

Lake Erie**ECR**

Just to our north is our Great Lake, Lake Erie. Students will participate in simple games and experiments to learn about the lake and its wildlife. Program only available May through October.

Ohio Mammals**AR ECR NCR SCR OR**

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel and discover the traits unique to this class of animals by touching and observing furs, skulls and other biofacts.

Owls: Hunters of the Night**NCR SCR OR**

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest.

Reptiles & Amphibians**AR ECR NCR SCR OR**

It's fun to learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander and discover the traits unique to this group of animals by touching and observing eggs, skeletons and other biofacts.

Seasonal Discovery**AR ECR NCR SCR**

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect how plants and animals survive in their habitats.

Wetlands**NCR SCR**

What is a wetland and why are they important? Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife, examine their traits and discover how these important ecosystems connect to their own lives. Program only available May through October.

Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Students will explore the ways humans impact our forest ecosystems, search for wildlife and learn how basic measurements can be used to understand forest health.

Habitats

AR ECR NCR SCR

Where do different Ohio animals live, and how do they affect the habitats where they live? Students will discover the various food, water and shelter needs of wildlife while exploring habitats such as meadows, wetlands, streams and forests.

Lake Erie

ECR

Just to our north is our Great Lake, Lake Erie. Students will participate in simple games and experiments to learn about how humans impact the lake ecosystem and discuss the water cycle basics. Program only available May through October.

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls and other biofacts, and learn about the roles these animals play in our environment.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest.

Reptiles & Amphibians

AR ECR NCR SCR OR

It's fun to learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons and other biofacts, and learn about the roles these animals play in our environment.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles and weather affect how plants and animals survive in their habitats.

Wetlands

NCR SCR

What is a wetland and why are they important? Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife, examine their traits and discover how these important ecosystems connect to their own lives. Program only available May through October.

Acacia Restoration**AR**

Explore Acacia Reservation to learn how this former golf course has been turned back into a habitat for wildlife. Students will learn about how Acacia's wildlife adapts to a changing landscape, discuss how humans can impact a landscape and be introduced to the basic concepts of ecological succession.

Forest Explorers**ECR NCR SCR**

Forests are amazing, interconnected systems dominated by trees. Students will learn about the life cycles and adaptations of forest wildlife and discuss the ways humans rely on the natural resources provided by forest ecosystems.

Habitats**AR ECR NCR SCR**

Students will learn how animals adapt and survive using the various biotic and abiotic resources within their habitat. Discover how limited resources can impact wildlife populations while exploring habitats such as meadows, wetlands, streams and forests.

Lake Erie**ECR**

Lake Erie is a precious and finite resource! Students will participate in simple games and experiments to learn about how humans can both positively and negatively impact the lake ecosystem and discuss how water cycles through the environment. Program only available May through October.

Ohio Mammals**AR ECR NCR SCR OR**

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls and other biofacts and discover the roles these animals play in our environment. Students will learn about basic mammal life cycles and adaptations during this fun and informative program.

Owls: Hunters of the Night**NCR SCR OR**

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest and learn about their annual life cycles.

Reptiles & Amphibians**AR ECR NCR SCR OR**

It's fun to learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons, and other biofacts and discover the roles these animals play in our environment. Students will have the chance to compare reptile and amphibian life cycles and learn about these animals' unique adaptations during this fun and informative program.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect how wildlife survives and adapts to a constantly changing landscape.

Wetlands

NCR SCR

What is a wetland and why are they important? Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife, explore their adaptations and discover how these important ecosystems connect to our own lives. Program only available May through October.

4th GRADE

Acacia Restoration

AR

Explore Acacia Reservation to learn how this former golf course has been turned back into a habitat for wildlife. Students will learn about how human development has impacted these watershed headwaters and what is being done today to keep this habitat healthy for wildlife in the future.

Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Students will learn about the adaptations of forest wildlife and search for signs of weathering, erosion and deposition within the forest landscape.

Habitats

AR ECR NCR SCR

Students will learn how animals adapt and survive within their habitat. Discover how changes to a habitat can impact wildlife populations, and explore habitats such as meadows, wetlands, streams and forests.

Lake Erie

ECR

Learn about the observable changes of weathering and erosion around the lake, discuss transfers of energy within the ecosystem and discover how organisms respond to changes within the environment. Learn about how Lake Erie has been impacted by humans over time and why it is important not only as a natural space, but as an access point for commerce and industry. Program only available May through October.

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls and other biofacts, and discover the roles these animals play in our environment. Students will learn about the adaptations mammals use to survive during this fun and informative program.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey to discover their special adaptations for surviving in the nighttime forest.

Reptiles & Amphibians

AR ECR NCR SCR OR

Learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons and other biofacts, and discover the roles these animals play in our environment. Students will learn about these animals' unique adaptations for survival during this fun and informative program.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect how wildlife survives and adapts to a constantly changing landscape and discuss how energy transfers between organisms in their environment.

Wetlands

NCR SCR

What is a wetland and why are they important? Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife, explore their adaptations and discover how these important ecosystems connect to our own lives. Program only available May through October.

5th & 6th GRADES

Acacia Restoration

AR

Explore Acacia Reservation to learn about how this former golf course has been turned back into a habitat for wildlife. Students will learn about the variety of roles organisms play, look for complementary examples of structure and function and discuss concepts surrounding how human activities impact the landscape.

Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Students will learn about the various roles organisms play within the forest landscape and explore the ways energy transfers occur within forest food webs. As we hike, we'll observe complementary examples of structure and function and discuss concepts surrounding how human activities impact the landscape.

Habitats

AR ECR NCR SCR

Students will learn how animals adapt and survive within habitats such as meadows, wetlands, streams, and forests. Explore the different roles animals play within their unique habitats and discover the ways energy transfers occur across food webs. As we hike, we'll observe complementary examples of structure and function and discuss concepts surrounding how human activities impact the landscape.

Lake Erie

ECR

Lake Erie provides the backdrop for immersive science during this fun and hands-on program. Learn about the lake ecosystem by exploring the interconnected roles organisms play within the lake's food web and discuss the ways people make both good and bad impacts on this vital local resource. Program only available May through October.

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls and other biofacts, and discover the roles these animals play in our environment. Students will explore the ways mammals tie into our local ecosystem's food webs during this fun and informative program.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey, discover their special adaptations for surviving in the nighttime forest and learn about the important roles they play in maintaining balance within the food web.

Reptiles & Amphibians

AR ECR NCR SCR OR

Learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons and other biofacts, and discover the roles these animals play in our environment. Students will explore the ways reptiles and amphibians tie into our local ecosystem's food webs during this fun and informative program.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Changing seasons bring new discoveries to explore. Join us to observe how Ohio's seasonal cycles affect the complementary nature of structure and function within living systems and discuss how energy transfers between organisms in their environment.

Wetlands

NCR SCR

Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife, explore wetland food webs and discover how these important ecosystems connect to our own lives. Learn about how wetlands have been mismanaged over time, and what people are doing now to protect these important habitats. Program only available May through October.



Acacia Restoration**AR**

Discover Acacia Reservation to learn how this former golf course has been turned back into a habitat for wildlife. Students will learn about how energy transfers between organisms and their environment and explore how biotic and abiotic factors influence wildlife populations within this unique habitat.

Forest Explorers**ECR NCR SCR**

Forests are amazing, interconnected systems dominated by trees. Students will learn about the complexities of energy transfers within the forest ecosystem, discuss how biotic and abiotic factors influence wildlife populations and explore how the hydrologic cycle and geologic processes have shaped the environment over time.

Habitats**AR ECR NCR SCR**

Students will utilize habitats such as meadows, wetlands, streams and forests to explore the concepts of energy transfers and transformations and discover the ways biotic and abiotic factors influence wildlife populations within a habitat.

Lake Erie**ECR**

Lake Erie provides the backdrop for immersive science during this fun and hands-on program. Learn about how energy transforms and transfers within the lake ecosystem, discover the ways biotic and abiotic factors influence wildlife populations and examine how the hydrologic cycle and geologic processes have shaped the environment over time. Program only available May through October.

Ohio Mammals**AR ECR NCR SCR OR**

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls and other biofacts, and discover the roles these animals play in our environment. Students will explore the ways mammals tie into our local ecosystem's food webs and discover how biotic and abiotic factors affect local mammal populations.

Owls: Hunters of the Night**NCR SCR OR**

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey, learn about the important roles they play in maintaining balance within the food web and discover how biotic and abiotic factors affect local owl populations.

Reptiles & Amphibians**AR ECR NCR SCR OR**

Learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons and other biofacts and discover the roles these animals play in our environment. Students will explore the ways reptiles and amphibians tie into our local ecosystem's food webs and discover how biotic and abiotic factors affect their local populations.

Seasonal Discovery

AR ECR NCR SCR

What will we see today? Join us to observe how the relative positions of Earth and Sun cause patterns we call seasons, and discuss the ways seasonal changes affect the number, growth and survival of wildlife populations.

Wetlands

NCR SCR

Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife. Learn about how energy transforms and transfers within wetlands, discover the ways biotic and abiotic factors influence wildlife populations and examine the function of the hydrologic cycle within wetland environments. Program only available May through October.

HIGH SCHOOL

Acacia Restoration

AR

Discover Acacia Reservation to learn how this former golf course has been turned back into a habitat for wildlife. Students will learn about how energy transfers between organisms and their environment and explore how biotic and abiotic factors influence wildlife populations within this unique habitat. We will discuss how the concepts of natural selection, carrying capacity and species diversity impact this unique ecosystem.

Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Students will learn about the complexities of energy transfers within the forest ecosystem, discuss how biotic and abiotic factors influence wildlife populations, and explore how the hydrologic cycle and geologic processes have shaped the environment over time. We will discuss how the concepts of natural selection, carrying capacity and species diversity impact our forests.

Lake Erie

ECR

Lake Erie provides the backdrop for immersive science during this fun and hands-on program. Learn how energy transforms and transfers within the lake ecosystem, discover the ways biotic and abiotic factors influence wildlife populations, and examine how the hydrologic cycle and geologic processes have shaped the environment over time. We will discuss how the concepts of natural selection, carrying capacity and species diversity impact this unique ecosystem. Program only available May through October.

Ohio Mammals

AR ECR NCR SCR OR

There are so many amazing Ohio mammals! Meet a live bat or flying squirrel, touch and observe furs, skulls, and other biofacts, and discover the roles these animals play in our environment. Students will explore the ways mammals tie into our local ecosystem's food webs and discover how the concepts of natural selection, carrying capacity and species diversity can be applied to these fascinating animals.

Owls: Hunters of the Night

NCR SCR OR

Students will have the opportunity to see live Ohio owls up close and touch real feathers, talons and skulls during this indoor presentation. Observe these amazing birds of prey, learn about the important roles they play in maintaining balance within the food web and discover how the concepts of natural selection, carrying capacity and species diversity can be applied to these fascinating animals.

Reptiles & Amphibians

AR ECR NCR SCR OR

Learn all about these scaly and slimy Ohio animals! Meet a live snake, turtle, frog or salamander, touch and observe eggs, skeletons and other biofacts, and discover the roles these animals play in our environment. Students will explore the ways reptiles and amphibians tie into our local ecosystem's food webs and discover how the concepts of natural selection, carrying capacity and species diversity can be applied to these fascinating animals.



Wetlands

NCR SCR

Students will be immersed in the wetland habitat and use nets to sample real wetland wildlife. Learn about how energy transforms and transfers within wetlands, discover the ways biotic and abiotic factors influence wildlife populations, and examine the function of the hydrologic cycle within wetland environments. We will discuss how the concepts of natural selection, carrying capacity and species diversity impact the environment. Program only available May through October.

ADULT/COMMUNITY GROUP PROGRAMS

Acacia Restoration

AR

Discover Acacia Reservation to learn how this former golf course has been turned back into a habitat for wildlife. Explore the wetlands, meadows and emerging forests while learning about how natural resources management can bring ecosystems back to life. Cart tours are available for those with limited mobility for a fee. Please inquire for availability.



Forest Explorers

ECR NCR SCR

Forests are amazing, interconnected systems dominated by trees. Explore the field of forest ecology, search for wildlife, and learn about how hydrology, geology and species diversity create unique and varied forest ecosystems across Northeast Ohio.

Lake Erie

ECR

Experience Lake Erie like never before during this fun and hands-on program. Explore lake ecology and discuss how human impacts have affected this vital resource over time through interactive experiments and activities. Program only available May through October.

Owls: Hunters of the Night

NCR SCR OR

Get up-close with live Ohio owls during this indoor presentation. Observe and examine the amazing adaptations that allow these majestic animals to thrive in the nocturnal landscape, and touch real talons, skulls, feathers and other biofacts.

Wetlands

NCR SCR

What are wetlands, and why are they important? Explore the biodiversity and relative health of wetlands through hands-on aquatic investigation. We will use nets to collect samples of aquatic invertebrates and do a simple diversity survey to help illustrate the relative health of a wetland and learn how these unique habitats connect to our own lives. Program only available May through October.



Scan the QR code to visit North Chagrin Nature Center page
or go to clevelandmetroparks.com/ncnc



**Cleveland
Metroparks®**