

# WATERSHED STEWARDSHIP CENTER

# **SCHOOL & GROUP PROGRAM GUIDE**

2277 West Ridgewood Dr. | Parma, OH 44134 (440) 887-1968 | clevelandmetroparks.com/wsc 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 440-887-1968, email wsc@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 Watershed Stewardship Center, Bedford, Big Creek, Brookside and West Creek reservations:

- 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.

\*Northeast Ohio Regional Sewer District (NEORSD) Education Fee Credit Program Our Stormwater and Sustainable Development program is certified to meet the requirements of the NEORSD Education Fee Credit for grades 3, 5, 7 and 10. The NEORSD Fee Credit Program offers a 25% reduction in an organization's stormwater fee. Schools interested in receiving this credit must apply through NEORSD. This program is 240 minutes and consists of your selection from the following programs: Forest Explorers, Habitats, Ohio Wildlife, Seasonal Discovery, Stream Ecology, Wetland Wildlife.

#### **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.

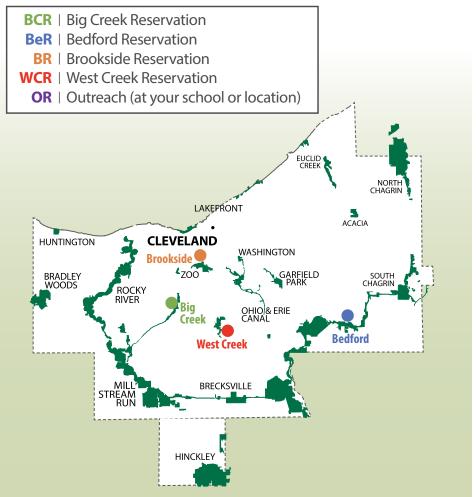
#### **Transportation Vouchers**

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 440-887-1968.

Program locations labeled by color throughout this guide.



# **PRE-KINDERGARTEN**

#### **Ohio Wildlife**

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

#### Seasonal Discovery

#### 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

#### BCR BeR BR WCR OR

BCR BeR BR WCR

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.



#### BCR BeR BR WCR OR



# **KINDERGARTEN**

#### **Forest Explorers**

#### BCR BeR BR WCR

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

#### BCR BeR BR WCR

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 and forests.

#### **Ohio Wildlife**

#### BCR BeR BR WCR OR

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands to meadows and forests to rivers, learn more about the creatures that call Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.



#### **Seasonal Discovery**

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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**

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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.

#### Wetland Wildlife

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

# **1st GRADE**

#### **Forest Explorers**

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**

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.

#### **Ohio Wildlife**

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#### Seasonal Discovery

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.

#### Wetland Wildlife

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# 2nd GRADE

#### **Forest Explorers**

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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**

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.

#### **Ohio Wildlife**

#### BCR BeR BR WCR OR

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

#### **Seasonal Discovery**

#### BCR BeR BR WCR

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.



#### Wetland Wildlife

#### BeR BR WCR

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

# **3rd GRADE**

#### **Forest Explorers**

#### BCR BeR BR WCR

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

#### BCR BeR BR WCR

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.

#### **Ohio Wildlife**

#### BCR BeR BR WCR OR

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands to meadows and forests to rivers, learn more about the creatures that call Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.



#### **Seasonal Discovery**

#### BCR BeR BR WCR

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.

#### Wetland Wildlife

#### BeR BR WCR

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

#### **Forest Explorers**

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**

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.

#### **Ohio Wildlife**

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#### **Seasonal Discovery**

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.

#### Weathering & Erosion

Through classroom experimentation, students will identify if changes have been caused by erosion and weathering.

Wetland Wildlife

#### BeR BR WCR

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

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#### BCR BeR BR WCR

#### **Forest Explorers**

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**

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.

#### **Ohio Wildlife**

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#### **Seasonal Discovery**

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.

#### Stream Ecology

Understanding the characteristics of our local freshwater systems is essential to understanding their importance. Get up close to a local stream to learn how it functions as an ecosystem. This program can include focuses on water chemistry, habitat assessments, and erosion and deposition.

#### Wetland Wildlife

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

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#### **Forest Explorers**

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#### **Habitats**

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.

#### **Ohio Wildlife**

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

#### **Rocks Rule!**

Geology tells the story of Ohio. Explore the properties of minerals and learn about the rock cycle.

#### **Seasonal Discovery**

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.

#### Stream Ecology

Understanding the characteristics of our local freshwater systems is essential to understanding their importance. Get up close to a local stream to learn how it functions as an ecosystem. This program can include focuses on water chemistry, habitat assessments, and erosion and deposition.

#### Wetland Wildlife

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#### Forest Explorers

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

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.

#### **Ohio Wildlife**

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

#### **Seasonal Discovery**

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.

#### Stream Ecology

Understanding the characteristics of our local freshwater systems is essential to understanding their importance. Get up close to a local stream to learn how it functions as an ecosystem. This program can include focuses on water chemistry, habitat assessments, and erosion and deposition.

#### Wetland Wildlife

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#### **Forest Explorers**

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#### Ohio Wildlife

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

# **HIGH SCHOOL**

#### **Forest Explorers**

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.

#### Ohio Wildlife

Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands and meadows to forest and rivers, learn more about the creatures that call these Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.

#### Stream Ecology

Understanding the characteristics of our local freshwater systems is essential to understanding their importance. Get up close to a local stream to learn how it functions as an ecosystem. This program can include focuses on water chemistry, habitat assessments and erosion and deposition.

#### Wetland Wildlife

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# ADULT/COMMUNITY GROUP PROGRAMS

#### **Forest Explorers**

#### BCR BeR BR WCR

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.

#### Ohio Wildlife

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Ohio is host to some of the most amazing wildlife on the planet. Each species has special adaptations that allow them to succeed in their habitat. From wetlands to meadows and forests to rivers, learn more about the creatures that call Ohio habitats home. This program can include focuses on mammals, reptiles & amphibians, life cycles and food webs & chains.





#### **Scout Programs**

Custom programming is available. Contact us for programs specific to scout advancement. Scout programs are offered periodically and can be found online at clevelandmetroparks.com. Fees may apply.

#### **Tree Identification**

#### BCR BeR BR WCR

Tree identification skills set a strong foundation to learning other components of a forest. Different species produce different flowers, fruits and seeds and types of shelter for wildlife. Hike through the forest to learn the diversity of trees that thrive in Cleveland Metroparks.

#### Wetland Wildlife

#### BeR BR WCR

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



#### WCR



Scan the QR code to visit Watershed Stewardship Center page or go to clevelandmetroparks.com/wsc





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