



Cope Environmental Center
4910 Shoemaker Rd.
Centerville, IN 47330
765-855-3188
www.CopeEnvironmental.org

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4910 Shoemaker Rd
Centerville, IN
(765) 855-3188

Contact Aubrey to
schedule your
program or field trip
TODAY!

2010-2011 Teacher Guide

Top 5 Reasons to plan a field trip to Cope Environmental Center:

1. There is now **money** available for teachers NEW to CEC! (See page 4)
2. The Get on the Bus **Fund** transportation scholarships! (See page 4)
3. Classroom memberships that provide **discounts** on two field trips (AND \$10 off any Outreach Program)!
4. All field trips are aligned to **Indiana & Ohio State Academic Standards!**
5. CEC trips are **educational AND fun!**

www.CopeEnvironmental.org
a.blue@copeenvironmental.org



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Classroom Membership Information

Classroom memberships were created to encourage repeated classroom visits to CEC. Multiple visits increase information retention and allow for a better understanding of our natural world. The classroom membership has many benefits to ensure a great year of experiences for your classroom!

Benefits include:

- 2 field trip visits to Cope Environmental Center (Maple Syrup trips are an additional \$1.00 per student).
- A copy of our quarterly *Evergreen* newsletter sent to you via e-mail.
- A \$10 discount on Outreach Programs (one per day of scheduled programs)

Costs:

- Pre-K through 4th grade \$6.00 per student (minimum \$120 per classroom)
- 5th and 6th \$8.50 per student (minimum \$170 per classroom)



Please complete the online membership form:
www.CopeEnvironmental.org/classroom_memberships.htm

Important:

We expect your visit to CEC to be a safe and educational experience. CEC staff is trained in First Aid/CPR and is prepared for any unforeseen circumstances. If you would like more information about our training or how we can meet your special needs, please contact Aubrey.

Pictures taken of school programs on the CEC property may be used in publications such as the *Evergreen* Newsletter, the *Pal-Item* newspaper, CopeEnvironmental.org or related materials.

“CEC is amazing! I am impressed with the organization and the content covered in the program. They also have super friendly, dedicated staff members and volunteers who are great with kids!”

~3rd Grade Teacher from Charles Elementary School



About Cope Environmental Center

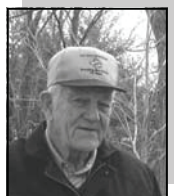
Making Sense of Sustainability

Brief History of Cope Environmental Center

In 1948, Jim and Helen Cope purchased an 1830's farmhouse on 29 acres in Centerville, Indiana. Jim was a biology, agriculture, and ornithology professor at Earlham, and Helen was a biology teacher at Centerville High School.

On this land, they raised five children and, over the years, transformed the farmland into a collage of spectacular natural areas. Jim's love for conifer trees initiated the planting of a Christmas tree farm and later, a collection of over 115 different species of conifer trees. Helen's passion for simple living encouraged large organic gardens, fruit trees, and other means to live off the land with her family. This passion for the land and sustainable living is the foundation on which CEC has been built.

In 1992 Jim, Helen and their friend Francis Parks formed the Parks Foundation and Cope Environmental Center. Their passion for the environment is carried out today by Cope Environmental Center programs and demonstrations. CEC is recognized as a 501 (c)(3) public charity.



Jim Cope



Helen Cope



Francis Parks

Facilities

102 acres of land including...

- Over 3 miles of hiking trails
- 3 wetlands
- 2 ponds
- 13 acres of prairie
- Hardwood forests
- Grasslands
- Over 100 species of conifer trees
- Education Center
- Administration Building
- Sustainable Living Demonstration House featuring an alternative energy system and many other sustainable & energy efficient ideas for your home
- Sap House constructed of reused and recycled materials
- Maintenance building constructed of insulated concrete forms and other green building materials



Planning Your Visit or Outreach Program

Ready to plan your classroom's next adventure? This section will help you prepare. **Before you call, please have the following information ready:**

- △ Teacher(s) name(s) & grade level
- △ School name, address, phone, fax & email
- △ Alternate phone number
- △ Requested program or topic
- △ Program date & time options
- △ Number of students & adults
- △ Any students with special needs?
- △ Are you planning on eating a snack or lunch at CEC?
- △ Are you a Classroom Member (see p. 19)?
- △ Are you a teacher who has never been to Cope Environmental Center (see p. 4)?
- △ Are you applying to the Get on the Bus Fund (see p. 4)?

*Please note:

Your field trip date is not confirmed until you have received a registration form (via email or postal mail) from us with the date written on it.

Contact Cope Environmental Center:

Aubrey Blue, Program Director
Phone 765-855-3188; Fax 765-855-1160
a.blue@copeenvironmental.org



Picnic Areas and Availability

If you would like for your class to enjoy lunch at one of our picnic areas, please indicate this when you schedule your program. **We do ask that you provide your own trash bags to take your lunch waste back to your school.** We do not have the capacity to dispose of the trash generated by the many school groups that visit our property on a weekly basis. **We will provide recycling receptacles** and give instructions for their use when your students begin lunch. This is a great time to encourage and challenge your students to generate as little waste as possible or no waste at all. It is an eye-opening activity to inventory and weigh the waste from your lunch back in the classroom.



We now have drinking fountains (a Flexi-Fountain) thanks to the Borman Family Foundation & Grace Works!

Funds and Fees:

Cope Environmental Center is a 501(c)(3) public not-for-profit organization supported by private donations, memberships, program fees, and grants. CEC works to keep program fees at a rate that does not prohibit schools from taking advantage of our field trips while also maintaining high quality programming.

Get on the Bus Fund:

This fund was developed to help offset transportation fees for schools with a population of 50% or more participating in the free or reduced lunch program. If your school fits in this category, CEC has a limited amount of funding each year to help offset a portion or all of your transportation fees. This is a "first come, first served" fund.



The fund is **NOW** open to schools in and outside of Wayne County!

Note: Classrooms that receive Get on the Bus Funds are still responsible for paying the program fee and any busing expenses above \$50. CEC only grants 15 applications each semester. Each bus counts as one GOTB grant.

Never been to CEC?

We want YOU to visit us! This year, CEC is offering scholarships for any teacher who has never been to Cope Environmental Center!

We have a fund that will pay 1/2 of your classroom membership fee or 1/2 of one classroom field trip fee to CEC.

Limited scholarships are available. Please contact Aubrey at 765-855-3188 or a.blue@copeenvironmental.org.

Fund provided by donations made at our annual CEC Gala. Thank you!



Sixth Grade

Pond/Wetland Investigation (Spring or Fall)

Length: 3-4 hours

Program Fee:

- \$ 7.00 Per student (minimum program fee: \$ 140.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00
- Maximum of 40 students and 5 adults able to monitor and assist 10 students at a pond with various tasks.

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana Academic Standards:

Science: 6.1.2, 6.1.3, 6.2.8, 6.3.8, 6.3.13, 6.3.15, 6.3.16, 6.4.8, 6.4.9

Program Description: Your students, critters, water, and wetland soil (or mud!) - what a perfect combination for learning about our watershed! Your students will be divided into smaller groups to investigate one of the ponds or wetlands at CEC. We will complete pH and dissolved oxygen tests on the water and collect plants and critters to identify and classify. Once all the data is collected, each group will use their findings to determine the quality of their wetland or pond. Each group will report their findings to the other groups and compare and contrast results. Student are required to bring extra shoes or water boots and wear appropriate clothing for wading into the shallow areas of the wetland or pond. A change of clothing is also a good idea...just in case!





Sixth Grade

Biodiversity Bash!

Length: 3 hours

Program Fee:

- \$ 6.00 per student (minimum program fee: \$ 120.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00

Please remember that adult chaperones are responsible for the students behavior.

Indiana State Academic Standards:

Science: 6.3.16, 6.4.1, 6.4.5, 6.4.6, 6.4.7, 6.4.8, 6.4.9, 6.4.10

Program Description: Explore the relationships and interdependence between various species and habitats at Cope Environmental Center. While hiking, we will discuss competition for resources between various plants and animals by exploring different habitats. Students will look for plants and animals to join their "Biodiversity Bash".

They will utilize a specified area in 3 different habitats to search for as many living organisms as possible. The more they find, the more they add to their "guest list". Using microscopes, we will examine samples from each of the different habitats. We will inspect plant and animal cells for their differences and similarities and discuss the flow of energy among producers and consumers. The group will then determine which habitat is the most diverse. This will lead us to explore the web of life and how humans fit into the web.



"Students were able to have hands on experiences at the CEC through explorations of a woodland forest habitat. Students were able to observe and interact with painted turtles, baby birds, dragonflies, toads and various trees and plants. The students said they enjoyed the field trip even more than they anticipated!"

~2nd Grade Teacher from Eaton Elementary School



General Program Information

Field Trips

Field trips are a vital part of every child's learning experience. CEC field trips allow children to experience nature and the environment first hand. Repeated outdoor experiences are vital to children as they grow and learn. All field trips are aligned to Indiana & Ohio State Standards. Field trips include games, hikes, and activities to provide a positive outdoor experience for all students.

Although specific field trips have been created for each grade level, it may be possible to adapt any of the current field trips to any grade level. New field trips may also be created to fit a teacher's needs. Please plan 2-3 months ahead of time with Program Director for new program creation.

Group Leaders: Group leaders are responsible for their students' behavior and must remain with their students at all times. Please include all of your group leaders in the process. PLEASE DO NOT ALLOW ADULTS OR STUDENTS TO USE CELL PHONES WHILE PARTICIPATING IN PROGRAMS AT CEC.

Cancellations: The program schedule fills up very quickly. Please call immediately if you discover that the field trip date you have scheduled will not work for your group. We will make every effort to reschedule your field trip. **Groups that do not show up will be charged for the full program fee.**

Rescheduling: Because all field trips to CEC are outside, they may be affected by the weather. There will be times when rescheduling is necessary due to inclement weather. If you are concerned about the weather, please call as soon as possible to discuss the situation. No students are allowed on trails or in outdoor areas when thunder or lightning is present.

Outreach Programs

Bring CEC to your classroom! The CEC program staff is available to visit your school to conduct quality education programs on a variety of topics.

- 45-60 minute program is \$55.00.
- Each additional program during the same visit is \$45.00.
- Maximum of 40 students per program.



Adaptable for all ages:

- Bats
- Let's Adapt!
- Mammal Showcase
- Owls
- Snakes
- Bugs
- Reptiles & Amphibians
- Recycling Adventures
- Nocturnal Animals
- Ants

For programs outside of Wayne County, a mileage fee of \$ 0.29 per mile will be added (cost has gone down thanks to our new biodiesel vehicle! -Thank you, **Wayne County Foundation!**). *This is a sampling of available topics. Programs can be developed to fit your needs.*



General Program Information

Multiple Visits, Special Field Trips

Special field trips, such as multiple visit wetland or habitat studies and all-day programs are available. Program ideas that can be facilitated at CEC include, but are not limited to: Surviving the Wild, Eco-Challenges, and Habitat Studies. Full-day field trips and multiple visits require at least one month advance notice. Fees are dependant upon the content and materials required for the program. Please call for details.

Working on a special unit in your classroom?

Let CEC develop the perfect field trip to meet your specific needs! We will work with you to develop one or more field trips to enhance your classroom curriculum. Typical fees for special programs of 2-3 hours range between \$ 5.00 and \$ 8.00 per student, depending on materials.

Nature Appreciation Hikes

Interested in just getting your students outside to appreciate our environment? General nature hikes may last from 1-2 hours depending on your needs. Fee is \$ 3.50 per student. Hikes may also be focused on specific topics such as wildflower identification, tree identification, or bird behavior and identification.

Self-Guided Field Trips

We welcome teachers who are comfortable taking their class on a hike with self-led activities. All self-led trips must be scheduled 2 weeks in advance and will be worked into the program schedule when possible. Teachers must schedule their program time with the Program Director prior to the field trip.

Service Learning Opportunities

Are you looking for a way to encourage your classroom, after-school group or club to give back to the community? Service learning opportunities are abundant at CEC. Spring and fall projects include but are not limited to: pulling invasive plants, chipping trails, gardening, trail maintenance, and more. This is a great time to incorporate outdoor learning through self-led hikes!



Fifth Grade

Survival of the Fittest (FALL or SPRING)

Length: 2.5-3 hours

Program Fee:

- \$ 3.50 per student (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 5.1.6, 5.2.7, 5.4.4, 5.4.5, 5.4.7

Program Description: While hiking the many habitats at CEC, students will venture through forests, grasslands and prairies, and around ponds and wetlands to explore what plants and animals live in each area and why.

Students will create study plots at the various habitats to explore the plant life that is most dominant in their plot. The "Top Three Survivors" of each habitat will be discussed to learn how plants are able to survive in some areas and not others.

Students will explore how plants and animals may change an area and how those changes affect other inhabitants. Strategies of plants and animals will be discussed and demonstrated to understand how competition works in the wild and which plants and animals will come out on top!





Fifth Grade

Pond/Wetland Investigation (FALL or SPRING)

Length: 3-4 hours

Program Fee:

- \$ 7.00 per student (minimum program fee: \$ 140.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00
- Maximum of 40 students and 5 adults able to monitor and assist 10 students at a pond with various tasks.

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 5.1.1, 5.1.2, 5.1.4, 5.1.6, 5.2.7, 5.2.8, 5.4.4, 5.4.5, 5.4.7, 5.5.8, 5.5.10

Program Description: Your students, critters, water, and wetland soil- what a perfect combination for learning about our watershed! Your students will be divided into smaller groups to investigate one of the ponds or wetlands at CEC. We will complete pH and dissolved oxygen tests on the water and collect plants and critters to identify and classify. Once all the data is collected, each group will use their findings to determine the quality of their wetland or pond. Each group will report their findings to the other groups and compare and contrast results. Student are encouraged to bring extra shoes or water boots and wear appropriate clothing for wading into the shallow areas of the wetland or pond. A change of clothing is also a good idea and re-useable water bottles...just in case! Students will not be allowed to go in above their knees.



Maple Syrup Programs

Length:

- 2 hours
- Program runs February 15th through March 11th, 2011

Program Fee:

- \$ 5.00 per student (minimum program fee: \$ 100.00 per group)
 - One adult/teacher per 8 students admitted free
 - Each additional adult: \$ 4.00
- Please remember that adult chaperones are responsible for the behavior of the students.



Indiana State Academic Standards:

First Grade Science: 1.1.1, 1.1.2, 1.1.3, 1.3.1, 1.3.3, 1.4.2, 1.4.4
Social Science: 1.1.1, 1.1.6, 1.3.5, 1.3.6, 1.3.8

Second Grade Science: 2.3.1, 2.3.6, 2.4.3
Social Science: 2.1.1

Third Grade Science: 3.3.5;
Social Science: 3.1.1

Fourth Grade Science: 4.1.5, 4.1.8, 4.2.1 4.4.4
Social Science: 4.1.2

Fifth Grade Science: 5.3.4, 5.3.5, 5.3.8, 5.3.9

Sixth Grade Science: 6.4.1



Program Description:

Bring your students to CEC for an early springtime treat! Students will learn the origins of pure maple syrup, the inner workings of trees, how seasonal cycles affect them, and why we depend on trees for more than just a sugary treat to put on our breakfast meals.

We will start indoors and look inside a tree to begin to uncover the mystery of maple syrup making. Then we journey outside to meet a Native American and an Early Settler to learn the history of maple syrup. Students will also have the chance to see a tree being tapped and visit the CEC Sap House for a sample.

"The staff at Cope Environmental Center presented an exciting, grade-level program for my students that included demonstrations and hands-on learning. We had a fantastic time!"

-a Teacher's comment regarding CEC's Maple Syrup Programs.



Pre-School

Seasonal Nature Hike (Spring/Fall)

Length: 1—1.5 hours

Program Fee:

- \$ 3.50 per student (minimum program fee: \$ 52.50 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50

Please remember that adult chaperones are responsible for the behavior of the students.

Program Description: These hikes will have students using all their senses to explore nature and be on the lookout for signs of animals and seasonal changes. If time permits, students will play a game to reinforce what they learned on the trail.

Nature Hike with Apple Cider (FALL only)

Length: 1.5 hours

Program Fee:

- \$ 4.00 per student (minimum program fee: \$ 60.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00.



Please remember that adult chaperones are responsible for the behavior of the students.

Program Description: This program includes the hike described above with the addition of apple cider-making. Students will see how fruit from a tree not only helps the tree spread seeds, but also provides humans with a tasty treat! For health reasons, all cider to be sampled by students has been flashed pasteurized.

Preschool Thematic Programs at your site (See page 5 for fees)

- Bees
- Frogs & Toads
- Slithering Snakes
- Day & Night
- Warm-blooded vs. Cold-blooded Critters
- Butterflies & Moths
- Outrageous Owls
- Buzzing Bumble Bees

More available upon request!



Fourth Grade

The Fabulous Cycles of Plants & Critters,

Seasons & Water! (FALL or SPRING)

Length: 2 hours

Program Fee:

- \$ 4.00 per student-FALL (minimum program fee: \$ 80.00 per group)
- \$ 3.50 per student-SPRING (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00 (SPRING/FALL PRICE)

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 4.3.3, 4.3.7, 4.3.8, 4.4.2, 4.4.3, 4.4.4, 4.4.5, 4.4.6

Program Description: Many things in our world are a part of a cycle! We will explore natural cycles and how they tie together. We will take an "Incredible Journey" through the water cycle, hike to observe the cycles of plants, and explore the magnificent world of a rotting log. Students will discover how the sun's energy travels through the food chain to fuel many things on our planet. Learn how the cycles of the planet impact humans. Fall field trips include apple cider making.

Birds of a Feather...and Other Fascinating Animal Adaptations

(SPRING)

Length: 2 hours

Program Fee:

- \$ 3.50 per student (minimum program fee \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50 .

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 4.4.2, 4.4.3, 4.4.4, 4.4.5, 4.4.6

Program Description: Why are birds' bones hollow? Why do birds have different types of beaks? Why do some animals nest high in trees? Why is the skin on amphibians moist and "slimy". These are all ways that animals have adapted to better survive in their environments. Students will use a variety of tools to learn how different bird beaks work and are adapted to the varied diets of those birds. Students will also become birds on a migration path to learn the obstacles that accompany the journey north or south each year for our migrating friends.



Third Grade

Plants Rule the Land! (FALL or SPRING)

Length: 2 hours

Program Fee:

- \$ 4.00 per student-FALL (minimum program fee: \$ 80.00 per group)
- \$ 3.50 per student-SPRING (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00 (SRPING/FALL PRICE)

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 3.1.2, 3.1.3, 3.2.4, 3.2.7, 3.3.5, 3.4.1, 3.4.2, 3.4.3, 3.4.4

Program Description: Most animals' food, including humans', can be traced back to plants, and most plants trace their ability to make food back to the sun. Your students will become mini-botanists and search the property for a variety of plants. As a group, we will collect a few specimens, and identify them using field guides and other tools. Together we will draw the plant, write a brief description about the plant, and describe where it was found. Students will learn to classify plants into groups (dicots and monocots), and find the close human and plant connection by making apple cider in the fall (other activities will be substituted in the spring).

"Classified Info"- Plants & Critters (FALL or SPRING)

Length: 2 hours

Program Fee:

- \$ 4.00 per student-FALL (minimum program fee: \$ 80.00 per group)
- \$ 3.50 per student-SPRING (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 3.4.1, 3.4.2, 3.4.3, 3.4.4, 3.4.6, 3.4.8

Program Description: Everything on the planet can be sorted into a category! While hiking, students will learn to use a simple dichotomous key to identify trees and discuss how almost all food can be traced back to plants and then to the sun! Activities will demonstrate how pollution can affect animals and humans and will explore the need for clean food, water, and air. Apple cider-making serves as one of the fall activities.



Kindergarten

Science Explorers (FALL)

Length: 1.5- 2 hours

Program Fee:

- \$ 4.00 per student (minimum program fee: \$ 80.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: K.1.1, K.1.2, K.2.1, K.3.2, K.4.1, K.4.2, K.6.1

Social Science: K.3.4

Program Description: Visit CEC to experience the science of nature! This field trip encourages students to ask questions, use their senses to explore nature, and discover a connection between plants and animals. Students will conduct simple science experiments on the trail, and collect leaves for sorting and charting. They will also make apple cider using a cider press.

Nature's Treasure Hunt (SPRING)

Length: 1.5-2 hours

Program Fee:

- \$ 3.50 per student (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: K.1.1, K.1.2, K.2.1, K.3.2, K.4.1, K.4.2, K.6.1

Social Science: K.3.2, K.3.4

Program Description: We will take your students on a treasure hunt! With the help of adults, students will use a trail map to hike along looking for treasure chests containing natural items. Students will use their senses to feel what is inside to determine the contents of each chest. There will also be activities to introduce different animals' habitats. This is a great way to get your students outside exploring for seasonal changes in nature.



First Grade

Nature Detectives (FALL)

Length: 2 hours

Program Fee:

- \$ 4.00 per student (minimum program fee: \$ 80.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 1.1.2, 1.1.4, 1.2.5, 1.2.6, 1.3.3, 1.3.4, 1.3.5, 1.4.2, 1.4.3, 1.4.4

Social Science: 1.3.5, 1.3.8

Program Description: Your students will use their senses to become Nature Detectives at CEC. They will hike through the woods, conduct various experiments, and watch demonstrations to discover how insects move, why some objects fall to the ground faster than others, how the sun warms the land, as well as where animals live and what they need to survive and prepare for winter. Students will make apple cider and use their new detective skills to decide if certain objects will grow when planted. Seasonal changes will be incorporated into this fun-filled learning experience!

Nature Observers: Animal Life Cycles (SPRING)

Length: 2 hours

Program Fee:

- \$ 3.50 per student (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 1.1.2, 1.1.3, 1.2.1, 1.2.6, 1.3.3, 1.4.2, 1.4.3, 1.4.4, 1.6.1

Social Science: 1.3.5

Program Description: Visit CEC as nature awakens! Students will hike the trail learning about several different animal life cycles that are taking place all around. We will look at tadpoles, various insect life cycles, discuss mammal life cycles, and more! Learn what it takes to survive in the wild long enough to start another life cycle. There will also be active games to get your students moving to feel what it is like to be an animal surviving and thriving in nature!



Second Grade

Plants & Animals: So Happy Together (FALL)

Length: 2 hours

Program Fee:

- \$ 4.00 per student (minimum program fee: \$ 80.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 4.00

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 2.3.1, 2.3.4, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5



Program Description: Plants and animals rely on the actions of each other to survive and multiply! Students will hike through various habitats to find which different areas animals call home. Animal pelts, skulls, and scat will be used to discover what animals eat and how they survive. Students will discuss what these animals do to prepare for winter or spring and will explore the relationship between plants and animals. We will make apple cider to trace our food back to plants and to demonstrate an animal/plant relationship. Activities will enable students to understand the different ways animals deal with seasonal changes.

Insectigations (SPRING)

Length: 2 hours

Program Fee:

- \$ 3.50 per student (minimum program fee: \$ 70.00 per group)
- One adult/teacher per 8 students admitted free
- Each additional adult: \$ 3.50.

Please remember that adult chaperones are responsible for the behavior of the students.

Indiana State Academic Standards:

Science: 2.1.2, 2.2.2, 2.3.4, 2.4.1, 2.4.2, 2.4.3, 2.4.5, 2.5.3

Program Description: Visit CEC to find out how insects survive! Our hike will highlight a variety of insects and where they live. There will be some live insect specimens for students to observe and discuss each one's special characteristics. Students will participate in the Insect Olympics and learn what it is like to be a pollinator. Depending on the timing of the season, an observation hive of our honey bees will also be utilized to discuss communication and relationships between insects.