

Spring Field Trip Program Descriptions

GRADE K

Color Hunt! ½-1 hr



Students will examine the role of color in nature. What colors are most common? How does the color of an animal affect its ability to hide? *GLCEs:* S.IP.00.11-14; S.IA.00.12-13 SCI., E.SE.00.11

Signs of Spring ½-1 hr



Students will explore the landscape, looking for signs of spring. Can we hear birds singing, or find buds on a tree? Students will also participate in a scavenger hunt. *GLCEs:* SCI K: S.IP.00.11-14, S.IA.00.12-14, L.OL.00.11-12, E.SE.00.11.

GRADE 1

Animal Life Cycles ½-1 hr



What is metamorphosis? Students will explore the life cycles of familiar wildlife and understand that living things grow and change. *GLCE's:* S.IP.01.11-14; S.IA.01.12-14.

Who Lives in a Tree? ½-1 hr



Trees provide food and shelter to many animals. Students will develop an awareness of trees and some of the animals that live in them. *GLCEs:* S.IP.01.11-14; S.IA.01.12-14; L.OL.01.13; E.ES.01.11; E.SE.01.12.

GRADE 2

Frog-tastic! 1½ hrs



Students will participate in a variety of activities followed by search for frogs. Students will describe the basic requirements, adaptations, and life cycle of frogs. *GLCEs:* SCI: S.IP.02.11-14; S.IA.02.12-14; E.FE.02.11.

Trees, Trees, Trees! 1½ hrs



What are the parts of a tree? What are the basic needs of a tree? What makes trees different from other plants? Students will participate in several activities and games to expand their understanding of how trees function. *GLCEs:* I.1.E1; II.1.E4; III.2.E1-2; III.4.E2; III.5.E2

GRADE 3

Insect Sampling 1½ hrs



How do scientists sample insects? Are sampling methods different for terrestrial vs. aquatic insects? What are the life cycles of different insects? How do insects find their mates? Students will answer these questions as they collect and study insects from terrestrial or aquatic habitats. *GLCEs:* S.IP.03.11-14; S.IA.03.11-14; S.RS.03.14-15,18; L.OL.03.32,42; L.EV.03.12; L.ES.03.52.



What's For Dinner? 1½ hrs

Students will learn about predator/prey relationships and strategies animals have developed to avoid being eaten. They will define producers and consumers as they examine food chains and food webs. *GLCEs:* SCI: II.1.E4; III.2.E2; III.4.E2; III.5.E.1-2; MAT: III.1.E1; III.3.E1-2.

GRADE 4

Wetland Ecology 1½ hrs



Students will investigate wetlands by studying the soil, plants, and hydrology. Students will be able to describe the essential components of a wetland and classify them. They will also learn why wetlands are such important ecosystems. *GLCEs:* S.IP.04.11-16; S.IA.04.11-15; S.RS.04.11,14,18; P.PM. 04.17 ; L.OL.04.15

The Secret Life of Bees 1½ hrs

Students will learn the difference between bees, wasps and hornets. They will also get an up close look at a honeybee hive while they learn why bees are so important. Through a guided nature walk, students will identify pollen and nectar sources for bees and other insects. *GLCEs:* SCI: S.IP.04.11-16; S.IA.04.11-15; S.RS.04.11,14,18; L.EC.04.11, 21.

GRADE 5

Soil Science 1½ hrs



What *is* soil? How can soil be described according to texture? Does water move through different soil types faster? What kinds of organisms live in soil? Students will conduct an investigation to describe various soil types and compare percolation rates. *GLCEs:* S.IP.05.11-14; S.IA.12-13; S.RS.05.12-13,17; L.HE.05.11; L.EV.05.21.

Birds in Spring 1½ hrs



Spring is a busy time for birds. They are returning from migration, mating and building nests. Students will listen and look for birds and record the data, practice using binoculars and learn the names of some common birds. *GLCEs:* S.IP.05.11-16; S.IA.05.11-15; S.RS.05.13,17; L.HE.05.11-12; L.EV.05.11-12, 21.

GRADE 6

Pond (or Stream) Sampling 1½ hrs



Students collect data to discover fauna, and flora of a pond. Students will also sample pH, dissolved oxygen, temperature, etc. We will also discuss ways to make sure we are not negatively impacting the delicate ecosystem of a pond. *GLCEs:* S.IP.06.11-16; S.IA.06.11-15; S.RS.06.11-14,17; L.EC.06.21,31-32,41.

Invasive Species 1½ hrs



What are invasive species? Are there any in the surrounding area? How can we slow down their invasion? Students will learn about some of the native, exotic and invasive species in our area and then investigate the surrounding area, looking for them. *GLCEs:* S.IP.06.11-15; S.IA.11-13,15; S.RS.06.13,17; L.OL.06.51; L.EC.06.21-23, 41-42

GRADES 7-12

- ❖ Pond or Stream Sampling
- ❖ Honey bees
- ❖ Invasive Species
- ❖ Birds of the U.P.



Spring Forest & Pond Field Trip Information



Field trips are available at a **NOMINAL FEE** to schools in the CCISD and GOISD school districts!

The field trips will be \$30 per field trip. The CCISD will invoice each school at the end of the semester for a total number of field trips per school per semester.

How to Schedule a Field Trip:

Teachers should complete an online [Field Trip Request Form](#). On the form, select a program, several dates, and a location. After we receive your request form, we will schedule your field trip and send you a confirmation email.

School should provide:

First aid kit
Chaperone (parent/teacher) for every 10 students.

Center will provide:

A naturalist to lead your field trip.
Supplies needed for field trip activities.



Appropriate Dress:

The weather can be very unpredictable at this time of the year. Please have your students dress for the weather conditions! We recommend boots for wet, muddy conditions. Some rubber boots will be available for field trips to a wetland or pond.

Logistics:

- 1) You will meet your presenter(s) at the field trip site (unless other arrangements are made).
- 2) If the school decides to cancel a field trip (in case of severe weather) please call at least two hours in advance!

Please discuss with students before trip:

- 1) Stay with your group leaders; don't wander off. Be able to see your group leaders at all times.
- 2) Don't litter (bring a plastic bag to pick up litter).
- 3) Respect the plants and animals in the forest. This is their home. Behave the way you would at your friend's house.



Locations for Spring Field Trips:

- Michigan Tech. Recreational Trails – Sharon Ave
- Nara Chalet and Preserve
- Lake Linden-Hubbell School Forest
- McClain State Park
- Calumet Waterworks Park
- Black Creek Nature Sanctuary (near Calumet)
- Baraga School Forest (Pelkie)
- Ford Forestry Center (Alberta)
- Bessemer City Park (Bessemer)
- Norrie Park (Ironwood)
- Ottawa National Forest Visitor Center
- Lake Perrault (near Painesdale)
- Your school

To request a field trip:

Visit our online registration website,
[Online Registration](#)

For more information, contact:

Marcy Erickson, Field Trip Coordinator
Email: maericks@mtu.edu
or call: 906-487-3341 (office)
906-370-1052 (cell)

The Western Upper Peninsula Center for Science, Mathematics & Environmental Education is a partnership of Copper Country & Gogebic-Ontonagon Intermediate School Districts and Michigan Technological University serving schools and communities in Houghton, Baraga, Gogebic, Ontonagon and Keweenaw Counties.

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***Western Upper Peninsula Center
for Science, Mathematics &
Environmental Education***



SPRING 2015

Outdoor Science Investigations

FIELD TRIP PROGRAM



April 13-June 5, 2015

To request a field trip:

<http://wupcenter.mtu.edu>