

Indian Springs Metropark



School Programs For Preschool and Elementary Ages



5175 Indian Trail
White Lake, MI 48386
(248) 625-7280

Take advantage of the interpretive programs offered at Indian Springs Metropark and your students will gain valuable learning experiences outside the classroom. Our programs are designed to meet Michigan benchmarks.

We also offer the following outreach programs: Vertebrate Variations, Mammal Scramble, Night Sky, Great Lakes Indians, Shanty Boys & River Hogs, and The Lives of the Voyageurs. Two newly developed programs are available for those schools working toward Green School certification: Nestboxes at Your School and Endangered and Threatened Species. Contact the Environmental Discovery Center at edc@metroparks.com for additional information about outreach programs.

⇒ Call (248) 625-7280 between 9 a.m. to 5 p.m.; we are open seven days a week.

⇒ We can adapt programs for your specific grade level. In addition, if you are interested in a program topic that is not listed as one of our programs we can work with you to develop an appropriate program.

⇒ Fees for programs are as follows:

- \$2.00 per student per hour with a maximum fee of \$5.00 per student

⇒ Park entry fee:

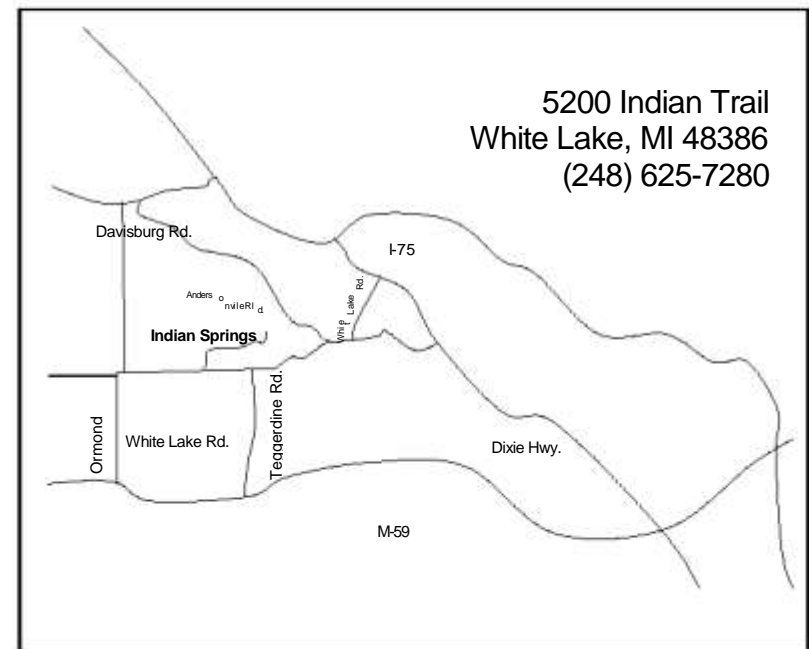
- No fee for school buses
- \$5.00 per vehicle for daily pass
- \$25.00 per vehicle for annual pass

Directions & Map

From I-75 - Take exit #93 and go south on Dixie Hwy. 1¼ miles to White Lake Rd. Turn right and go about 2 miles to Andersonville Rd. Turn right and go ½ mile to White Lake Rd. Turn left and travel 4 miles to the park entrance (on right side of road).

From M-59 East (Highland Rd) - Travel west on M-59 to Teggerdine Rd. (about 4 miles past the Oakland-Pontiac Airport). Turn right and go 3 miles north to White Lake Rd. Turn left and go 1 mile to park entrance.

From M-59 West (Highland Rd) - Travel east on M-59 to Ormond (About 11 miles from US-23). Take Ormond Rd. north 3 miles to White Lake Rd. Turn right and go 2 miles to park entrance. NOTE: M-59 is a divided highway where it meets Ormond Rd. You must turn around in the median to loop over to Ormond Rd.



Fascinating Fossils

4th grade and older

We will travel back in time to discover life forms found in fossils and compare and contrast them with organisms alive today. Activities will include examining real fossil specimens, hiking to identify plants that have existed since prehistoric times, and participating in a small scale archaeological dig. **L.ST.E.3 Fossils**



Programs Designed to Meet Green School Certification

Nestboxes at Your School

1st grade and older

This program is designed for those who are serious about attracting and providing nesting sites for native cavity-nesting birds such as Eastern Bluebirds, Chickadees, House Wrens, and Tree Swallows. Controlling exotic species and loose pets, and proper nestbox construction will be emphasized. Plans for constructing a nestbox can be provided or you may purchase a nestbox kit for \$15.

Endangered and Threatened Species

3rd grade and older

This program will provide an overview of the history of human impact on various wildlife due to farming, overhunting, logging and other activities. We will discuss how specific Michigan species have declined or increased over the years. We will also emphasize what can be done to protect endangered and threatened species in Michigan.

Seasonal Program Offerings

Autumn Adventure

Preschool and older, offered September and October

Spend some time experiencing the wonders of fall. Activities may include hike and leaf collection, leaf print t-shirts, forest floor exploration, and hayride. When you schedule your visit, specify which activities you would like included. Hayrides are an additional \$40 fee. **L.OL.E.1 Life Requirements [of plants]; L.OL.E.2 Life Cycles [of plants]**



Winter Adventure

Preschool and older, offered November through February

We have plenty of fun activities for your class to participate in both indoors and outdoors. We will provide information on adaptations animals have developed in order to survive winter, make animal track t-shirts, and go on an animal track hike. **L.EV.E. 1 Environmental Adaptation**



Maple Sugaring

Preschool and older, offered only in March

Join us for an introduction to maple sugaring from the early days of Native Americans to modern times. Learn how to choose and tap a sugar maple, hike to the sugar shack to see how sap is boiled down to make maple syrup, and taste a sample of real maple syrup. **H3 History of Michigan; G5 Environment and Society**

Indian Discovery

3rd grade and older, offered April through June

What would your life have been like if you were an early Woodland American Indian? Where would you find food? How would you make tools, clothing and homes? Students will participate in lots of hands-on activities including attempting to make fire, drilling through wood, and examining Indian antiquities and tools. **H3 History of Michigan**



Pond Study

Preschool and older, offered April through September

Ponds may seem peaceful and serene but they are also full of life! Activities include hike, dipping in pond, frog life cycle t-shirts, and meeting live discovery center animals. **L.OL.E.2 Life Cycles [of aquatic animals]**

Programs for All Seasons

Weather of the Seasons

1st grade and older

Students will learn about weather changes through the four seasons and make some simple tools that can be used to measure humidity, wind direction and wind speed. Each student may also print a weather t-shirt to take home as an additional optional activity. **E.ES.E.2 Weather; E.ES.E.3 Weather Measurement**

Incredible Insects

1st grade and older

Find out what makes insects so unique. Students will observe insects up close while learning about the adaptations and life cycles of these incredible creatures. **L.OL.E.2 Life Cycles [of insects]**

Plant Parts and Their Cycles

2nd grade and older

Discover the parts and cycles of plants. Inside, we will discuss how a flower turns into a seed, how flowers attract specific pollinators, how seeds travel, and we may even dress a student up to become a flower. Outside, we will go on a plant discovery hike. **L.OL.E.2 Life Cycles [of plants]**

Water Cycle

2nd grade and older

Visit the Great Huron Swamp and discover some of the different ways water collects on the Earth's surface. Through interactive games and visual aids, students will also learn about watersheds and the water cycle. **E.FE.E.1 Water; E.FE.E.2 Water Movement**

Vertebrate Variations

3rd grade and older

In the course of this program, your class will learn about the different classes of vertebrates and will examine some Michigan specimens. If requested, the program may focus on a particular vertebrate class such as mammals. **L.EV.E.1 Environmental Adaptation**

Night Sky

4th grade and older

Our CUBEX Portable Planetarium makes the night sky easy to view. Students will learn science facts about our universe, trace the season's constellations in the night sky, and hear legends from around the world. Each student may print their own constellation t-shirt as an additional optional activity. Program is limited to 30 students per session. **E.ST.E.1 Characteristics of Objects in the Sky; E.ST.E.2 Patterns of Objects in the Sky**