



33175 Ann Arbor Trail
Westland, MI 48185

Located on Hines Drive
Just east of Ann Arbor Trail

For more information call
734-261-1990
www.waynecountyparks.org

WAYNE COUNTY PARKS

Nankin Mills Interpretive Center

Cub Scout Badge Workshops

Nankin Mills Interpretive Center offers Wolf and Bear Cub Scout Achievements/Electives, Webelos and Boy Scout workshop programs featuring educational and hands-on activities designed to meet all requirements needed for Scouts to earn the badges listed below. Arrowpoint Programs usually cover four elective activities. Workshops are two hours long, and held on Saturdays. Badges, arrowpoints and pins are not provided by Wayne County Parks, but are available through your Scout Council Office. All programs are held at Nankin Mills Interpretive Center.

WALK-IN REGISTRATION DATES AT NANKIN MILLS, 8:30 AM – 4:30 PM
MAILED IN REGISTRATION IS PROCESSED THE DAY AFTER WALK-IN REGISTRATION

JANUARY – MAY 2012 PROGRAMS: Thursday, December 15, 2011

OCTOBER – DECEMBER 2012 PROGRAMS: Thursday, September 13, 2012

JANUARY – MAY 2013 PROGRAMS: Thursday, December 13, 2012

We will not accept program registration before these dates. The first day of registration we will take walk-in registration only, on a first-come, first-served basis at the Nankin Mills Park office.

PROGRAM FEES - PLEASE NOTE NEW FEES FOR 2012!!

PROGRAM FEES: \$6.00 PER SCOUT, \$2.00 PER ADULT. We require one adult stay for every five scouts. OUT OF WAYNE COUNTY RESIDENTS: \$7.00 PER SCOUT, \$3.00 PER ADULT.

CASH, CREDIT CARD OR CHECK PAYABLE TO "WAYNE COUNTY PARKS" are accepted, except no credit cards are accepted for the walk-in registration dates, sorry.

PAYMENT IS REQUIRED AT THE TIME OF REGISTRATION. You will not be registered for a program until payment is received.

NO REFUNDS will be given for cancellation, unless a program is cancelled by Wayne County Parks.

Seasonal Boy Scout & Cub Scout Program Offerings

Scout Group	January/February/March	April/May	October	November/December
WOLF CUBS	Native American Lore Elective #10	Birds Elective #13		Your Living World Achievement #7
	Your Living World Achievement #7			
BEAR CUBS	Space Elective #1	Sharing World with Wildlife Achievement #5	Water/Soil Conservation Elective #15	Sharing World with Wildlife Achievement #5
	Native American Life Elective #24			Nature Crafts Elective #12
WEBELOS	Geologist (each month)	Forester	Forester	Forester
	Scientist (each month)	Naturalist	Naturalist	Naturalist
ACADEMICS*	Astronomy		Map and Compass	
BOY SCOUTS		Environmental Science		

* Cub Scout Academic Badge Workshops recommended for Webelos level Cub Scouts

Cub Scout Badge Workshop Schedule 2012

Wolf Cub Scouts Badge Workshops

- Your Living World Achievement #7 Saturday, February 11, 2012 1:00 – 3:00 pm
- Native American Lore Elective 10 Saturday, March 10, 2012 1:00 – 3:00 pm
- Birds Elective #13 Saturday, May 12, 2012 9:30 – 11:30 am
- Your Living World Achievement #7 Saturday, November 17, 2012 1:00 – 3:00 pm

Bear Cub Scouts Badge Workshops

- Space Elective #1 Saturday, February 4, 2012 9:30 – 11:30 am
- Native American Life Elective #24 Saturday, March 10, 2012 9:30 – 11:30 am
- Sharing Your World With Wildlife Ach #5 Saturday, April 14, 2012 1:00 – 3:00 pm
- Water and Soil Conservation Elective #15 Saturday, October 27, 2012 1:00 – 3:00 pm
- Nature Crafts Elective #12 Saturday, November 17, 2012 9:30 – 11:30 am
- Sharing Your World With Wildlife Ach.#5 Saturday, December 15, 2012 9:30 – 11:30 am

Webelos Cub Scouts Badge Workshops

- Geologist Saturday, January 28, 2012 10:00 am - Noon
- Scientist Saturday, January 28, 2012 1:00 – 3:00 pm
- Geologist Saturday, February 25, 2012 10:00 am - Noon
- Scientist Saturday, February 25, 2012 1:00 – 3:00 pm
- Geologist Saturday, March 31, 2012 10:00 am – Noon
- Scientist Saturday, March 31, 2012 1:00 – 3:00 pm
- Forester Saturday, May 19, 2012 10:00 am - Noon
- Naturalist Saturday, May 19, 2012 1:00 – 3:00 pm
- Forester Saturday, October 13, 2012 10:00 am - Noon
- Naturalist Saturday, October 13, 2012 1:00 – 3:00 pm
- Forester Saturday, November 3, 2012 10:00 am – Noon
- Naturalist Saturday, November 3, 2012 1:00 – 3:00 pm
- Geologist Saturday, December 1, 2012 10:00 am - Noon
- Scientist Saturday, December 1, 2012 1:00 – 3:00 pm

Cub Scout Academic & Sports Badge Workshops

(Best suited for Webelos level Cub Scouts)

- Astronomy Saturday, February 11, 2012 9:30 – 11:30 am
- Map and Compass Saturday, October 27, 2012 9:30 – 11:30 am

Boy Scout Badge Workshops

- Environmental Science Saturdays, April 14, 21, 28 & May 5, 2012 9:30 – 11:30 am

Cub Scout Badge Workshop Program Descriptions



Wolf Cub Scouts

Your Living World Achievement #7:

Indoor discussion about pollution and energy conservation. Scouts learn how people can protect the environment. Outdoor game and short hike to do a clean-up project. Offered Jan/Feb/Mar session and Nov/Dec session.

Native American Lore Elective #10:

Indoor program. Michigan's Native American history is presented through discussion and a visit to our Interpretive Center exhibits. Scouts learn to interpret pictograph stories and make crafts related to Native cultures. Four arrowpoint electives are earned. Offered Jan/Feb/Mar session.

Birds Elective #13:

Indoor and Outdoor activities. Scouts learn to identify birds using mounted specimens. Bird nests are also discussed. They will make a bird feeder to take home. We will take an outdoor hike to search for our feathered friends. Four arrowpoint electives are earned. Offered Apr/May session.



Bear Cub Scouts

Sharing Your World With Wildlife Achievement #5:

Indoor program. Four requirements are covered. Meet a live animal and learn about it (reptile or amphibian). Learn about jobs related to the environment, visit our Interpretive Center and learn about the habitats on the Rouge floodplain. We will also discuss extinct and endangered species. Offered Apr/May session and Nov/Dec session.

Space Elective #1:

Indoor program with presentation on how to identify several constellations and how to find the North Star. Scouts make a pinhole planetarium and play a game to learn more about the planets. Launching "rockets" is all part of the fun. Four arrowpoint electives earned. Offered Jan/Feb/Mar session. **EACH SCOUT SHOULD BRING A CLEANED OUT OATMEAL CAN.**

Nature Crafts Elective #12:

Mostly an indoor program with a short hike to collect seeds. Leaf prints and animal track prints are made on T-shirts. Seed collections and leaf sunprints are also made. Four arrowpoint electives are earned. Offered Nov/Dec session. **EACH SCOUT SHOULD BRING A PLAIN, LIGHT-COLORED T-SHIRT TO MAKE PRINTS ON.**

Water and Soil Conservation Elective #15:

Mostly outdoor program to learn about different types of soil and soil layers. Hike to view soil erosion along the Rouge River. Learn about sources of water pollution in the Rouge and help clean up along the floodplain. Four arrowpoint electives earned. Offered Oct session.

Native American Life Elective #24:

Indoor program. Learn the history of local Michigan Native people through a presentation and visit to our Interpretive Center exhibits. Play some historic Native games that taught hunting skills. Scouts will make a model of a wigwam, the type of home historically built in Michigan, to take home. Three arrowpoint electives earned. Offered Jan/Feb/Mar session..

Cub Scout Academic Badges

(Recommended for Webelos level Cub Scouts)

Astronomy

Indoor program. Scouts will learn to identify constellations, the life cycle of stars, and other fascinating solar system facts. All requirements are covered to earn the belt loop and pin. Offered Jan/Feb/Mar session. WEBELOS SCOUTS ONLY PLEASE.

Map and Compass

Indoor and Outdoor activities. Scouts learn about topographic map symbols, scales and color codes and learn to take compass bearings using a map and compass together. Outdoors we will use our bearings and find the locations on the map. All requirements are covered to earn the belt loop and pin. Offered Oct session. WEBELOS SCOUTS ONLY PLEASE.



Webelos Cub Scouts

Forester:

Half indoors and half outdoors. Indoor discussion of forest regions and forest fires. Outdoor hike to identify forest trees and learn how people and wildlife use them. Also learn to identify other plants used by wildlife. Scouts will receive three different types of wood samples to take home. Offered Oct session, Nov/Dec session and Apr/May session.

Geologist:

Indoor program. Discussion on plate tectonics theory. Hands-on activities include volcano building, mineral hardness testing and making a rock collection to take home. Scouts will discover how many of the things we use every day contain rocks and minerals. Offered Nov/Dec session and Jan/Feb/Mar session.

Naturalist:

Half indoor and half outdoor program. Indoor presentation about bird flyways and poisonous plants and animals in Michigan. Our naturalist will help you learn about the natural history of the Rouge River from our Interpretive Center exhibits and take you on a hike to observe wildlife in its natural habitat. Offered Oct session, Nov/Dec session and Apr/May session.

Scientist:

Indoor program. Scouts will discover several "laws of nature" as they experiment with our naturalist and try to prove Bernoulli's principle, Newton's law and Pascal's law as well as other physical principles. Offered Nov/Dec session and Jan/Feb/Mar session.

Boy Scout Merit Badges



Environmental Science

Indoor and outdoor activities. Boy Scouts will perform experiments to gain an understanding of ecology, air, water and land pollution, endangered species and recycling. Scouts must attend four weekly two-hour workshops to earn all requirements for the badge. Each week will include a visit to our study area in the Holliday Nature Preserve. Concepts covered include population, community, ecosystems, biosphere, symbiosis, niche, habitat, conservation, threatened and endangered species and environmental impact statements. Must register for all four sessions as a set, \$24.00 per scout and \$2.00 per each session for adults that attend. We require one adult per five scouts. Offered Apr/May session.