



Cub Scout Programs for 2024-25



Tigers

Title: Naturalist I

Advancement Correlations: *Tigers in the Wild* requirements 4 and 7

Duration: 90 minutes

Description: In this program Tiger Scouts will learn the skills used by naturalists to interpret the goings-on in the natural world then use these skills to identify signs of wildlife discovered on a short nature hike.

Activities:

- Solve "Who's Been Here?" tracking mysteries by examining replica feeding stations
- Make a plaster cast of an animal's footprint
- Take a short hike to look for signs of animals

Wolves

Title: Wildlife Investigation

Advancement Correlations:

Paws on the Path requirements 6 & 7

Duration: Two 90-minute sessions

Description: This program provides Wolf scouts the opportunity to develop a deeper knowledge of three animal groups prominent in the Meadowlands: birds, fish, and insects. The focus will be on the use of physical traits in identification.

Activities:

- Learn about the field marks and other physical characteristics useful in identifying local fauna.
- Look for wildlife on a 1-mile hike



Title: The Water World

Advancement Correlations:

Spirit of the Water requirements 1 & 2

Duration: 90 minutes

Description: We all know that water is a critical resource, so what can we do to protect and preserve it? Scouts will learn answers to this question and discover how water issues are addressed in the Meadowlands.

Activities:

- Play a water conservation game.
- Take a hike to find problems with local water quality
- View local wildlife up close and learn how they depend on water.



Bears

Title: Beginner Birds Study

Advancement Correlations: *None*

Duration: 90 minutes

Description: Scouts will be introduced to the skills and knowledge needed to successfully identify birds and learn about the trials and tribulations of the birds that migrate through the Meadowlands.

Activities:

- Participate in a role-playing activity to better understand bird migration
- Go on a birding hike to inventory local birds
- Construct a simple birdfeeder to take home



Title: Living with Wildlife

Advancement Correlations:

Bear Adventures:

Fur, Feathers, and Ferns requirements 1-6

Paws for Action requirement 3b.

Duration: 3 hours

Description: Scouts will observe firsthand how human activity has negatively affected the wild places in the Meadowlands and look for evidence of recovery, including signs of wildlife currently living here. Participants will also investigate simple methods that can be used to help prevent further damage to local habitats.

- Learn how humans have affected local wildlife
- Hear about local wildlife and where to find it
- Go on a 1-mile hike to look for wildlife
- Investigate the process of making compost and learn how it



Title: What's in the Water?

Duration: 90 minutes

Advancement Correlations: *None*

Description: What creatures lurk within the murky waters of the salt marsh? Scouts will find out, discovering unexpected diversity within this unique Meadowlands habitat.

Activities:

- Use dip nets to sample organisms living in the salt marsh
- Help to place a plankton net and return later to collect your specimens
- Use a microscope to view plankton



Webelos

Title: Naturalist II

Duration: 3 hours

Advancement correlations:

Webelos/AOL Elective Adventure: Into the Wild requirements 4-9a

Description: Going beyond making simple observations, this program challenges Scouts to understand what defines an ecosystem and enables it to function. By constructing a salt marsh food web and discussing the ecological benefits of wetlands, Scouts will gain an appreciation of the Meadowlands and other habitats like it.

Session One

Activities:

- Analyze images of NJ habitats and discuss what distinguishes them
- Take a short hike to look for animals and the signs they leave behind

Session Two

Activities:

- Participate in a salt marsh food web role-playing game
- Discuss the importance of wetland habitats

Astronomy programs

Title: Astronomy I (Tigers, Wolves and Bears)

Duration: 90 minutes

Advancement correlations:

Tigers Elective Adventure: Sky is the Limit requirements 1-3, 8

Description: This basic astronomy course will introduce Scouts to the celestial objects found in our galaxy and local solar system and give them the opportunity to view some of them firsthand.

Activities:

- Label the planets of our solar system
- Use binoculars and a telescope to view stars and other celestial
- Make a constellation mini-lantern to take home



Title: Astronomy II (Webelos)

Duration: 90 minutes

Advancement correlations:

Webelos/AOL Elective Adventure: Adventures in Science req. f

Description: After an introduction to celestial objects, constellations, and the optics of telescopes, Scouts will construct their own star finder and use it to do some stargazing! The evening ends in our observatory with more viewing, this time using a 20" reflector telescope.

Activities:

- Learn the optics of telescopes through laser demonstrations
- Locate stars and constellations using a take-home star finder
- View the north star and learn why it's important





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For more information or to
make a reservation, contact:
Kirk Weber at (201) 460-8384
or by e-mail
kweber@ramapo.edu

Program fee:

90 min. program: \$10/scout
3-hour program: \$18/scout
No cost for leaders or chaperones

Policies & Availability:

- Programs can be reserved on the first 2 weekends of the month (Sat. or Sun.)
- Reservations must be made at least 2 weeks in advance
- Minimum of 6 Scouts is required to run a program
- Required adult to child ratio:
1:3 for 8 year-olds and younger
1:6 for 9 year-olds and older



**Director of Meadowlands
Environment Center**
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Need more details?

Visit our website:
www.rst2.org/mec



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An NJSEA facility

Operated by

Ramapo College of New Jersey