

THE NEW WEIS CENTER

SPRING 2017

FIELD TRIP PROGRAMS

Water at Weis K-5

Students will engage in hands-on exploration of the Blue Mine Brook and will examine the health of the aquatic ecosystems through quality assessment and macroinvertebrate collection. They will expand their understanding of the local watershed, conservation and the water cycle.

NJCCCS: 5.1, 5.4 - NGSS: K-LS1-1, K-ESS3-3, K-PS3-1, 2-ESS2-1, 2-ESS2-3, 3-LS4-4, 4-ESS2-1, 5-ESS2-2, 5-ESS3-1

Funky Forest K-5

Students will explore the life cycle of the forest through the world of insects and other decomposers. Through technical field skills, we will identify, categorize, and develop a new understanding of the forest floor.

NJCCCS: 5.1, 5.3, 5.4 - NGSS: K-ESS2-1, 5LS2-1, 5ESS3-1, 2-LS4-1, 3-LS1-1, 5-LS2-1

Birds Are Everywhere K-5

Students will develop a foundation for birding through identification of local bird species, review of equipment in the field, and data collection. We will explore the importance of migration and their incredible adaptations.

NJCCCS: 5.1, 5.3 - NGSS: 3-LS4-3, 3-LS4-4, 3-LS3-1, 3-LS3-2, 3-LS4-2, 5-ESS3-1

Weather of Our World K-5

Students will learn the role the sun, earth, and water play in the earth's atmosphere and how these factors work to create weather patterns. They will gain an understanding of the basics of meteorology, global climate and the different factors that create our region's weather.

NJCCCS: 5.1, 5.4 - NGSS: K-ESS3-3, K-ESS2-1, K-PS3-1, 2-ESS1-1, 3-LS4-4, 3-ESS2-1, 3-ESS2-2, 3-ESS3-1, 4-ESS2-2, 5-ESS3-1

Great American Forest K-5

Students will explore the trees of our forest! They will track the evolution of the landscape at Weis and get to know some of the native and unique species such as the American Chestnut. We will use field methods to identify, age, and measure trees throughout the forest.

NJCCCS: 5.1, 5.3 - NGSS: K-ESS3-3, 1-LS1-1, 2-LS4-1, 2-ESS2-1, 3-LS4-4, 3-LS3-1, 5-PS3-1, 5-ESS3-1

Please contact us if you are interested in a program subject that is not listed. Programs for additional age groups are also available upon request.

We strive to develop inclusive programming, accommodating students with learning and/or behavioral *special needs*. All students benefit from connecting with the natural world; *we encourage you to schedule your students experience today!*

For more information, to book a trip, or to request a custom program, please contact our Lead Educator:

Jill Burgy: jburgy@ramapo.edu, 732-513-5427



The NEW
WEIS CENTER
for Education, Arts & Recreation

highlandsnaturefriends.org

info@highlandsnaturefriends.org

973-835-2160

The New Weis Center is a living laboratory situated on 150 acres in the Highlands region of northern New Jersey.

Our facilities include a brook, recreation field, covered pavilion, and a main building.

Our trained staff provides a hands-on learning experience and the applied skills to foster a lifelong curiosity for science and nature.

Our programs are designed around New Jersey state standards and provide technical skill development immersed in the natural beauty of the Ramapo Mountains.

Each field study is individual, and can be customized to create unique learning opportunities. We are happy to accommodate other lessons or team building activities.

Full-day: \$14 per student

Half-day: \$11 per student

*Our programs run outdoors, rain or shine. Please dress appropriately!

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150 Snake Den Road

Ringwood, New Jersey 07456

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The New Weis Center is owned and operated by The Highlands Nature Friends, Inc., a 501(c)3 nonprofit