An environmental education center and sanctuary dedicated to providing outdoor educational opportunities for people of all ages to promote a better understanding and appreciation for the world of nature.
PEACE VALLEY NATURE CENTER

Located on the northeast end of Peace Valley Park, New Britain Township, Central Bucks County, Pennsylvania Peace Valley Nature Center offers a variety of environmental education programs at its 750 acre outdoor classroom.

Meandering streams, fields, thickets, woodlands, wetlands and Lake Galena offer diverse habitats to enhance your student’s field experience.

Our trained and highly acclaimed teacher naturalists will help your students obtain a greater sense of relationship with and responsibility for their natural surroundings through "hands-on" experiences.

We work with 10-15 students per teacher naturalist. These small groups enable a greater connection with not only the teacher naturalist but with their subject focus and participation in activities.

If your group has students with special needs, please notify us at time of scheduling so we may provide the best experience for your group.

CORRELATION WITH EDUCATION STANDARDS

Our programs have been designed to support National, State and Common Core standards.

For specific information relating to standards please call or contact, peacevalleynaturecenter@BucksCounty.org

MIDDLE & HIGH SCHOOL STUDENTS

$10.00 per student
(minimum $100)

WETLANDS
Find out the importance of wetlands! Students will delineate wetland areas by analyzing soils, identification of plants, and the hydrology of the area. They will observe the impact farming practices have on a wetland and watershed. Students will assess human impact on wetlands.

2 1/2 hours LATE SPRING, SUMMER, EARLY FALL

BIODIVERSITY A World of Difference
Take part in a bio-blitz: Explore the various habitats of Peace Valley Nature Center, list and classify the living organisms found. Discover how much we understand the area in which we live and the interactions involved. What can we do to understand and protect biodiversity and how its importance relates to our lives?

2 1/2 hours LATE SPRING, SUMMER, EARLY FALL

Peace Valley Nature Center
A facility of the Bucks County Department of Parks and Recreation

The Bucks County Department of Parks and Recreation does not discriminate on the basis of disability in its programs, activities and facilities.

215-345-7860
peacevalleynaturecenter.org
MIDDLE & HIGH SCHOOL STUDENTS

$10.00 per student  
(minimum $100)
Maximum number of students per program: 125
All our programs are taught as a field experience in a small group setting, 10-15 students per educator

ADAPTATIONS OF FRESHWATER MACROINVERTEBRATES
Collection, observation and recording the adaptations of the various invertebrates in the stream. A comparison will be made of the macros found in the riffle area to the pond areas of the stream. Students will decide the ecological roles of the invertebrates in the food web by sorting them into functional feeding groups. Stream water quality will be determined using a biotic index. Assessment of the factors of water quality will be discovered. 2-2 1/2 hours LATE SPRING through EARLY FALL

ECOSYSTEMS—NATURAL COMMUNITIES
Determine the abiotic and biotic factors that impact the field and forest communities through experimental and field study techniques. Using marked quadrats these factors are recorded and analyzed. Students will discover that natural communities are dynamic; how and what factors influence life and what all organisms need to survive.

PRESCHOOL & KINDERGARTEN CHILDREN

Fee per child—$8.00 (minimum $80)
Groups of up to 12 children
1 adult per group (no extra adults)
There is no charge for the approved number of accompanying adults

ANIMAL SKELETONS
Bones give animals shape. Look at different animal skeletons, compare animals skulls, classify bones by shape and size. Take a walk and discover bones where these animals might live and how their bones help them? ALL YEAR - 1 1/2 hours $8.00 per student, minimum $80.00

ANIMALS IN WINTER
Where do they go? What do they do? Groundhogs sleep soundly, while frogs snuggle down in the mud at the bottom of the pond. Beetles and many other small critters hide in rotting logs, deer search for sunny places. These and many other questions will be answered through observation and discovery. WINTER—1 1/2 hours, $8.00 per child, minimum $80.00

BIRDS & THEIR NESTS
Why is a bird different from other animals? Take a close look at their feathers to find out what helps them fly. Discover how birds use their beaks to build a nest. Visit the bird blind to watch birds feeding. ALL YEAR, 1 1/2 hours, $8.00 per student, minimum $80.00
PRESCHOOL & KINDERGARTEN CHILDREN

BUGS & BEASTIES
Enter the weird and wonderful world of small critters. Look for shiny black beetles and salamanders under logs in the woods. Investigate the diversity of insects. LATE SPRING, SUMMER, EARLY FALL $8.00 per student, minimum $80.00

HOMES & HIDEAWAYS
Every animal has a home. Discover raccoon’s den in a hollow tree, follow mouse trails and look for those large and small critters under rocks and logs. SPRING, SUMMER, FALL, $8.00 per student, minimum $80.00

PONDS & PUDDLES
Tadpoles and frogs are not the only critters in the water. Children will collect and observe diving beetles, nymphs, water boatman and other fascinating water creatures. LATE SPRING, SUMMER, EARLY FALL $8.00 per student, minimum $80.00

SEED PRESENTS
Seeds are wonderfully designed packages. Take apart a seed to find the tiny new plant inside, walk the trails to discover the different ways seeds travel and who might eat them. FALL, 1/1/2 hours, $8.00 per student, minimum $80.00

IN-CLASS PROGRAMS

BIRDS Grades 2-6
Why is bird different from other animals? Take a close look at the amazing adaptations of birds. Students participate in activities that include bird identification and preferred locations and habitats of birds.

FOOD WEB Grades 3-5
All things in life are interrelated. Students represent either a plant or an animal and are then physically tied in food chains that are connected to the sun. Students participate in a “play” about human food chains.

GEOLOGY—ROOTED IN ROCKS Grades 3-6
Students will discover how they are “rooted in rocks” and why rocks are an important part of their lives. They will perform a play about the Living Earth, become historical geologists and find out about the cycle of rocks.

LENAPE STORIES & NATIVE AMERICAN STORYTELLINGS Grades 2-6
Native Americans were game players and toy makers. Students will play games of skill and chance. They will make up a game using natural objects, listen to a Native American story and discuss its meaning. We will read a story using pictographs.
IN-CLASS PROGRAMS

We will present any one of the following programs at your location. Programs are for one class of not more than 30 students.

The fee is $90 per program
All programs are one hour in length
Mileage 11-20 miles from Peace Valley Nature Center $20

ANIMAL SKELETONS  - Grades K-6

Bone for bone we are much the same as all other animals on the Earth. Students compare different animal skeletons. Look closely at animal skulls and their teeth to determine what it eats.

ANIMAL ADAPTATIONS Grades 2-6

Every animal has special “tools” that help it survive. Students will observe taxidermy animals to discover their adaptations. Students will travel to stations, perform hands on experiments which will lead them to a discovery.

SENSE OF SIGHT

ANIMAL SENSES

.student looks closely at different animal skulls and teeth. Students compare animal skulls and their teeth to determine what it eats. Every animal has special “tools” that help it survive. Students will observe taxidermy animals to discover their adaptations. Students will travel to stations, perform hands on experiments which will lead them to a discovery.

WINNIE THE POOH WALK

Search the “100 acre woods” for Piglet, Tigger and Pooh’s other friends. Surprise Winnie the Pooh in his special tree house. Language skills can be enhanced while role playing A.A. Milne’s story.

LATE SPRING, SUMMER, EARLY FALL—$8.00 per student, minimum $80.00

SUN POWER

Children will perform simple “hands-on” experiments; take temperatures of water in the sun and in the shade, Use a solar water heater and have an ice cube race. Take a walk to discover how the sun warms animals. ALL YEAR—1 1/2 hours $8.00 per student, minimum $80.00

SENSORY WALK

Use your senses to discover the beauty and wonder of the natural world. Sniff a spicy smelling bush, find a tickly, compare colors in nature, share shadows and listen to the sounds around you. ALL YEAR, 1 1/2 hours, $8.00 per student, minimum $80.00
ELEMENTARY SCHOOLS AND GROUPS

ANIMAL REAL ESTATE Grades 3-5
All animals have specific needs which include food, water, shelter & space. Each student will research one animal that lives at Peace Valley Nature Center. At PVNC we search near the pond and/or stream, in the woods, thickets and fields for signs of those animals and discuss their relationship and interdependence to the environment. SPRING, SUMMER, FALL 1 1/2 hours, $8.00 per student, minimum $80.00

BIRDS Grades K-6
Discover what makes a bird different from other animals, unzip a feather, find out how different beaks fill the bill, observe birds feeding and build your own bird nest in a fun activity. ALL SEASONS, 1 1/2 hours, $8.00 per student, minimum $80.00

ECOSYSTEMS—HABITATS & INHABITANTS, Interdependence & Relationships Grades 3-6
Explore the diverse habitats of Peace Valley searching for signs of animal life. Relate the animal to its needs and home as well as assess the interactions of the living and non-living components. Age appropriate activities and emphasis on these important concepts through discovery and observation. SPRING, SUMMER, FALL 1 1/2 hours, $8.00 per student, minimum $80.00

WILD & WONDERFUL FLOWERS Grades 1-4
Students will discover the wonder of nature’s creation of flowers. Why do plants have flowers? Look for pollinators and watch them in action! Dissect a flower and discover its parts. Build a flower, go on a flower hunt and discover the beauty and diversity of flowers. LATE SPRING, SUMMER, EARLY FALL 1 1/2 hours, $8.00 per student, minimum $80.00

W.R.A.P.S. Grades 3-6
Water, Rocks, Air, Plants, Sun: the essential ingredients for life. Make a friend of a green leaf, find out where it gets its energy. Scientifically investigate and compare succession through plant diversity in a field, thicket or forested area. Take a “walk in time” that will create an understanding of the time-based relationship of plant growth. LATE SPRING, SUMMER, EARLY FALL 2 hours, $8.00 per student, minimum $80.00
ELEMENTARY SCHOOLS AND GROUPS

SENSORY WALK Grades K-3
Explore the natural world with your senses. Traveling through diverse habitats students will discover colors of nature, sounds, and smells. Observation and hands-on activities including a “smelling” tea party provide a great way for your students to understand and apply the concepts of senses to their natural surroundings. ALL SEASONS, 1/2 hours, $8.00 per student, minimum $80.00

SOIL SECRETS, The Dirty Rotten Truth Grades 4-6
Who is living in that soil? Explore the layers of soil. Dig down, discover soil horizons. Identify some macrofauna living in the soil. Investigate and record what’s happening in a rotting log. Using riddles and on trail discovery learn the rotten truth. SPRING, SUMMER FALL: 1 1/2 hours, $10.00 per student, minimum $100.00

WETLANDS & WATERSHEDS Grades 4-6
Discover the importance of wetlands as a wildlife habitat, a buffer against storms, a filtering system and flood control. Using a model watershed learn how humans impact waterways with pollution. Visit a stream to collect macroinvertebrates to determine stream quality. Determine a wetlands through the use of equipment by identifying plants, soils and the presence of water. LATE SPRING, SUMMER, EARLY FALL 2 hours, 8.00 per student, minimum $80.00

GEOLOGY Grades 2-4
Rocks & minerals, fossils, soil and water, are all part of our planet earth. Discover how rocks form, view florescent rocks and fossils. Through hands-on experiments and observation students will discover the properties and resources rocks and minerals provide. SPRING, SUMMER, FALL 2 hours, $8.00 per student, minimum $80.00

HABITATS Grades 2-4
Biomes are large geographic areas that contain many habitats. Students will explore the different habitats searching for clues of who or what would be there. They will then classify their discoveries. Observation of the habitats will reveal many answers to the question of who might live here as well as what that organism would need to survive. SPRING, SUMMER, FALL, WINTER 1 1/2 hours, $8.00 per student, minimum $80.00

HOMES & HIDEWAYS Grades K-2
Every animal has a home, discover the needs of animals while searching for different types of homes and hideaways. Visit a meadow to search for mouse runs, thicket areas for signs of deer, rabbits and other animals. SPRING, SUMMER, FALL 1 1/2 hours, $8.00 per student, minimum $80.00
ELEMENTARY SCHOOLS AND GROUPS

TWO PROGRAMS PER DAY = $14 PER STUDENT

INSECTS Grades K-6
What are the special adaptations of insects? Learn about their life cycles. Collect and observe insects. Compare and contrast their mouthparts, shapes, legs, wings, etc. The world of 6-legged creatures is amazing and awe inspiring. LATE SPRING, SUMMER, EARLY FALL ~ 1 1/2 hours, $8.00 per student, minimum $80.00

LENAPE NATIVE AMERICANS—RESPECT FOR LIFE
Grades 1-6
There is much to be learned from the Native Americans. Search for medicinal plants, play games, follow trail signs, visit a replica of a wigwam and experience some of the skills used by the Lenape. Have a quiet time in which to observe the nature that surrounds us. SPRING, FALL ~ 50 student limit, 2 hours, 9.00 per student, minimum $90.00

MAPLE SUGARING & TREES
Grades 1-6
Listen to sap flow, visit the “sugar bush” to see tapped trees. Experience the signs of spring. Taste the product of the sugar maple trees. Visit the kettle to see sap boiling down into syrup. FEBRUARY 15—MARCH 15: 1 1/2 hours, $8.00 per student minimum $80.00

POND & STREAM STUDY
Grades K-6
Discover diving beetles, crayfish, water boatman and aquatic nymphs. Through observation learn about the adaptations of these fascinating creatures that enable them to survive in their aquatic habitat. Compare moving (lotic) and still (lentic) water systems and the animals that live in them. LATE SPRING, SUMMER, EARLY FALL 1 1/2 or 2 hours, $8.00 per student, minimum $80.00

SEEDS Grades K-3
Seeds are beautifully designed packages. Take apart a seed to discover the tiny new plant inside. Figure out why each plant has so many seeds, find out how they travel. Recognize through observation why seeds are an important food source for many animals including us. FALL, 1 1/2 hours, $8.00 per student, minimum $80.00