

About the BVA and RCVA



Myrick Conservation Center
Located on Route 842,
6 miles west of West Chester
3 miles east of Unionville

The Brandywine and Red Clay Valley Associations have combined experience of over 120 years in promoting projects that conserve our natural resources. In the Brandywine Valley, these projects resulted in Marsh Creek Reservoir, Struble Lake and Chambers Lake in Hibernia Park. The Red Clay Valley projects included the Red Clay Creek Cleanup, spray irrigation systems, a stream corridor and greenway program and the Red Clay Trail.

BVA and RCVA's offices are located at the Myrick Conservation Center, a 318-acre property and site of year-round education programs. BVA and RCVA education programs, both on-site and off-site, made more than 13,000 student contacts in 2011. BVA and RCVA are nonprofit, member-supported, conservation organizations.

**Brandywine Valley Association
Red Clay Valley Association
1760 Unionville Wawaset Road
West Chester, PA 19382**

T: 610-793-1090 • F: 610-793-2813

www.brandywinewatershed.org

www.redclayvalley.org

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2012-2013 Academic Year



Environmental Education Programs

Watershed Education

Learn it. Live it. Share It.

Get Involved!



2012 Events

Jam on the Brandywine	Saturday, September 15 th
Young Waterfowlers Program	September - December
*Volunteer Work Day	Saturday, October 6 th
BVA Annual Dinner and Silent Auction	Thursday, October 25 th
DVOA "Night Orienteering"	Saturday, October 27 th

2013 Events

6 th Annual Polar Plunge	Saturday, February 9 th
*Red Clay Valley Clean-up	Saturday, March 23 rd
Brandywine Hills Point-to-Point Races	Sunday, April 7 th
*Brandywine Creek Clean-up	Saturday, April 27 th
Trout Rodeo	Saturday, May 4 th
First Day of BVA-RCVA Summer Camp	Monday, June 24 th

* Students are especially encouraged to volunteer at these events!



Details at: www.brandywinewatershed.org

High School Programs

Brandywine Watershed Tour

Standards: 4.8.10

Grades 9-12; 2 to 4 hours – by special arrangement

Most residents of the Brandywine Watershed know very little about where their water comes from, what happens after they have used it, and where their garbage goes. Students will tour your choice of a water treatment plant, a sewage treatment plant or a landfill to understand traditional resource management. They will also view farms with conservation practices, a spray irrigation site and/or a recycling center. The tour is designed specifically for your students. This is a great program for students in environmental problems, conservation or community planning courses. **Maximum of 45 students.**

Canoeing Water Quality Program

Standards: 4.1.10/4.3.10/4.6.10/4.7.10/4.8.10

Grades 9-12; 4 hours; \$30/participant (transportation included)

Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Search for aquatic organisms in a stream and learn how to use them as indicators of stream health and change. Students visit water quality testing sites along the Brandywine Creek. Canoeing experience is not necessary; basic instruction is provided. An east branch or west branch trip is available; please indicate which trip at the time of registration. Organizing adult canoes free. Additional adults \$15 each.

Pond Study

Standards: 3.5.10/4.1.10/4.1.12/4.3.10/4.7.10/4.7.12

Grades 9-12; 3 hours; \$10.25/participant

Analyzing the physical, biological and chemical parameters of a pond, students will determine the health of the system. They will then hypothesize how to fix the problem(s). This program can be done at the Myrick Center or at a pond closer to your school.

Stream Study

Standards:

3.5.10/4.1.10/4.1.12/4.3.10/4.7.10/4.7.12

Grades 9-12; 3 hours; \$10.25/participant

Students will analyze the physical, biological and chemical parameters of a stream to determine its health. Students will then strategize how to "turn a red stream blue."



Program Locations

M - Myrick Conservation Center, West Chester
S - Saalbach Farm, Coatesville
O - Other location (add \$1.50/participant)

Middle School Programs

Team Challenge **M**

Grades 6-8; 2 hours; \$6.25/participant

How do you get back to your base camp if you must first cross an alligator infested swamp? Can you get a bucket of nitroglycerin away from the approaching prairie fire if the only way out is across a canyon? Students will participate in a variety of problem-solving experiences requiring group cooperation and physical activity. Activities are designed to break down barriers, foster teamwork and identify leadership potential among students. This program is recommended at the beginning of the school year or prior to group projects or problem-solving activities.



Working Watershed **M S**

Standards: 3.5.4/4.1.7/4.3.7

Grades 6-8; 2 hours; \$6.25/participant

Learn about the water cycle, why water is so precious and why it must be protected. Students will see how a watershed is defined by topography and how watersheds are affected by human development by taking a virtual watershed tour using Google Earth. Students will pollute a water sample and build a filter to attempt to clean it up.

Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Fam, Coatesville
- O** - Other location (add \$1.50/participant)

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The Brandywine Valley and Red Clay Valley Associations' education programs educate watershed residents through meaningful experiences. Placing an emphasis on hands-on field activities, we demonstrate the interconnected nature of living organisms and the watershed on which they rely.

Watershed Education

Watershed education is an interdisciplinary way to explore issues of local significance. Watersheds are delineated by topography, in contrast to political boundaries such as state, county, and township lines. This type of education explores the *natural connections* between people, places and the various elements that interact to create the communities (both natural and societal) in which we live.

Did you ever wonder...

- Who** were the Lenape and what did they eat?
- What's** the history of that old mill down the road?
- Where** does your drinking water come from?
- When** did scientists first notice the changes in local amphibian populations?
- Why** do some farmers create contour strips in their fields?
- How** do roads impact water quality?



Learning the answers is about taking a holistic approach to discovering the who, what, where, when, why AND how!



Brandywine Watershed

Coatesville Area School District
Downingtown Area School District
West Chester Area School District



Red Clay Watershed

Kennett Consolidated School District
Unionville-Chadds Ford School District

Middle School Programs

Human Impact on the Environment



Standards: 4.2.7/4.3.7/4.8.7/4.9.7

Grades 6-8; 2 hours; \$6.50/participant

Learn about natural resources and play games about population change and carrying capacity. Use aerial photographs to see how the local area has changed over time. Compare American use of natural resources and waste generation with other parts of the world.

Pond Study



Standards: 3.3.7/4.1.7/4.3.7/4.6.7/4.7.7

Grades 9-12; 3 hours; \$10.25/participant

Analyzing the physical, biological and chemical parameters of a pond, students will determine the health of the system. They will then hypothesize how to fix the problem(s). This program can be done at the Myrick Center or at a pond closer to your school.

Stream Study



Standards: 3.3.7/4.1.7/4.3.7/4.6.7/4.7.7

Grades 6-8; 2 hours; \$6.25/participant

Explore a stream while collecting, identifying and categorizing vertebrates and invertebrates found in this community. Evaluate the physical and chemical parameters of the stream and learn how scientists determine water quality.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Middle School Programs

Canoeing Water Quality Program O OTHER

Standards: 4.1.7/4.3.7/4.6.7/4.7.7/4.8.7

Grades 7-8; 4 hours; \$30.00/participant (transportation included)
Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Search for aquatic organisms in a stream and learn how to use them as indicators of stream health and change. Students stop at water quality testing sites along the Brandywine Creek. Canoeing experience is not necessary. Basic instruction will be provided. An east branch or west branch trip is available; please indicate which trip at the time of registration. Organizing adult canoes free. Additional adults cost \$15 each.



Evil? Weevils? M

Integrated Pest Management (IPM) in your Yard

Standards: 4.3.7/ 4.5.7 / 4.6.7

Grades 5-8; 2 hours; \$6.00/participant

Discuss when plants and animals are pests while considering the ways they can be controlled. Explore the Myrick Conservation Center property in search of Integrated Pest Management (IPM) techniques used to control pests. A game demonstrates how quickly invasive plants spread. A visit to the organic vegetable garden shows non-chemical methods used to control garden pests and an innovative biological control being monitored at the Center.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Meet Our Environmental Instructors

Paula Appleton - (3 years) Paula's enthusiasm for nature and education makes her a welcome addition to the staff. She knows how to enhance curiosity in her students and then shares in that curiosity with them.

Gloria Cooke - (7 years) Gloria is a retired teacher now working at Brandywine Springs School and occasionally at the Myrick Center. Her passion for education and her students is obvious to all.

Giselle Cosentino, Education Director - (8 years) Giselle has a BS in Environmental Conservation and a MS in Environmental Education. She loves engaging people in the outdoors.

Colleen Cranney - (11 years) A former math teacher, Colleen is equally versed in organic gardening. She's so passionate about education she was elected to the DASD Board of Directors.

Sarah Fisher, Education Coordinator - (1 year) Sarah has a BS in Recreation and Park Mgt with a focus in environmental ed. She is a nature enthusiast who loves creating memorable outdoor experiences.

Joanna Fox - (16 years) We love how Jo is able to teach all of our programs in any season and time of day with a smile on her face. Her favorite teaching location is at the pond!

Mary Frank - (5 years) Mary has been teaching orienteering to scouts and students for over 10 years at the Myrick Center and beyond. She also teaches team building and watershed education programs.

Kimberly Galandak-O'Connor - (1 year) Kim is currently pursuing a Masters in Non-Profit Management. Kim is a passionate educator who loves to share outdoor experiences with kids.

Kris Gannon - (25 years) Kris teaches our programs with experience and enthusiasm. She also teaches MUMS Preschool in Marshallton and has a special gift with our youngest visitors.

Alexa Hart - (2 years) Alexa loves spending time outdoors and is very active on the Penn London Elementary School PTA and now teaches our programs at that school and at the Myrick Center.

Eileen Hazard - (5 years) Eileen's background is in water resources so watershed education is a perfect fit. She especially loves working with children in the outdoors.

Christine Howells - (1 year) Chris is a naturalist and avid outdoor gardener. Her wealth of knowledge is a great addition to our team. She especially enjoys leading Scout and After the Bell programs.

Ronnie Liberi - (10 years) A former reading specialist for West Chester School District, Ronnie brings her experience and warmth to the Myrick Center's programs. She loves learning herself!

Andrea Luckring - (4 years) Andrea has explored every corner of the Myrick Center as a devoted member and volunteer. She now shares her love of the outdoors and knowledge of chemistry and history with all.

Holly Merker - (6 years) Holly is an outstanding birder and is a hawk watch volunteer. She has a natural gift for teaching students of all ages. Her enthusiasm is contagious.

Amy Oster - (1 year) With a degree in Special Ed and a MA in Education, Amy truly enjoys working with students. Her cheerful personality and passion for teaching is the perfect mix for an outdoor educator.

Sharyn Rocklage - (17 years) Sharyn's passion and enthusiasm are infectious among those she teaches. She is the Resource Person for Collegium Charter School.

Connie Shapiro - (23 years) Connie is former Education Director and founder of the FLOWS Program. She conducts professional development and loves working with kids, especially when canoe trips are involved.

Margot Taylor - (3 years) Margot is a landscape architect and educator. Her passion revolves around engaging people in and about native landscapes.

Erik Van Sinderen - (2 years) Erik has a degree in Experiential Education and brings a fresh perspective and lots of energy to all of our programs, especially our team building programs.

Flo Williams - (16 years) Retired science teacher from Avon Grove School District, Flo is a perfect fit to the staff. She is also a volunteer and teaches colonial living at the Greenbank Mill in Delaware.

Kathy Yacucci - (5 years) Kathy fell in love with our programs when she chaperoned her own children's BVA programs at Brandywine Springs School (BSS). She is now our Resource Person at BSS!

Pennsylvania Academic Standards for Environment and Ecology & Science and Technology

The Pennsylvania Academic Standards for Science and Technology describe what students should know and be able to do in the following areas:

- 3.1 Unifying Themes of Science
- 3.2 Inquiry and Design
- 3.3 Biological Sciences
- 3.4 Physical Science, Chemistry and Physics
- 3.5 Earth Sciences
- 3.6 Technology Education
- 3.7 Technological Devices
- 3.8 Science, Technology and Human Endeavors

The Pennsylvania Academic Standards for Environment and Ecology describe what students should know and be able to do in the following areas:

- 4.1 Watersheds and Wetlands
- 4.2 Renewable and Nonrenewable Resources
- 4.3 Environmental Health
- 4.4 Agriculture and Society
- 4.5 Integrated Pest Management
- 4.6 Ecosystems and their Interactions
- 4.7 Threatened, Endangered and Extinct Species
- 4.8 Humans and the Environment
- 4.9 Environmental Laws and Regulations

The codes listed below the name of each program indicate that aspects of that area is covered by that program. Or consult the correlation charts that follow.



Middle School Programs

Amazing Adaptations



Standards: 4.6.7/4.7.7

Grades 5-6; 2 hours; \$6.25/participant

Observe a variety of structural and behavioral adaptations of plants and animals at the Myrick Center or other natural area. Students will learn about the color of worms, play games to learn about adaptations and go on a hike to see examples of how plants and animals adapt to survive.



Backyard Farming



Standards: 4.4.7/4.5.7/4.6.7/4.8.7

Grades 6-8; 2 hours; \$6.25/participant

Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Learn about the life cycle of plants and insects while exploring the Myrick Center's organic vegetable garden and greenhouse. Students will explore the soil, search for insects and help plant and harvest vegetables as the season permits. Produce is donated to local food cupboards. Also available as a double (two visit) program option.

Brandywine Watershed Tour



Standards: 4.8.7

Grades 6-8; 2 to 4 hours – by special arrangement

Most residents of the Brandywine Watershed know very little about where their water comes from, what happens after they have used it, and where their garbage goes. Students will tour your choice of a water treatment plant, a sewage treatment plant or a landfill to understand traditional resource management. They will also view farms with conservation practices, a spray irrigation site and/or a recycling center. The tour is designed specifically for your students. This is a great program for students in environmental problems, conservation or community planning courses. **Maximum of 45 students.**

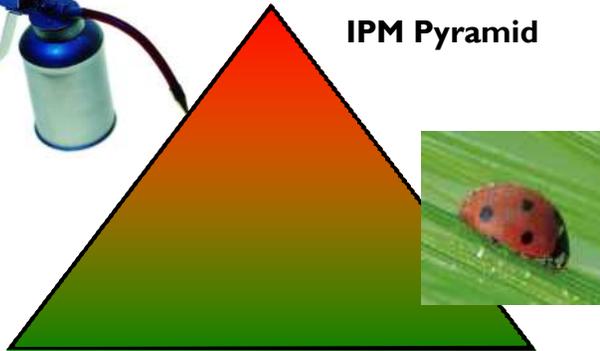
Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Elementary School Programs



IPM Pyramid



What's Bugging You? **M** Integrated Pest Management (IPM) in the garden

Standards: 4.3.4/4.4.4/4.5.4/4.6.4
Grades 3-5; 2 hours; \$6.25/participant
Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Explore the Myrick Center's organic garden to see different ways of monitoring pest populations and various IPM tactics to deal with these pests. Students will work in teams to collect and identify garden insects to determine which ones are harmful to plants and which ones are beneficial in the garden. Students will play a game to learn how pesticides and other chemicals bioaccumulate in the food chain.

Wonderful Wetlands **M S O**

Standards: 4.1.4
Grades 3-5; 2 hours; \$6.00/participant

Take a wetland walk along a stream corridor and participate in hands on activities to see how wetlands soak up water, act as filters and help to slow runoff. Search for animals and their signs and discover the unusual adaptations of wetland plants. Discover the biological diversity of the wetland environment and why the protection of wetlands is important.

Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Elementary School Program Correlations to Pennsylvania Academic Standards

	3.1	3.2	3.3	3.5	3.6	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
Adventure Team														
All About Owls			💧									💧		
Amazing Adaptations			💧									💧	💧	
At Home in Your Habitat								💧	💧		💧	💧		
Backyard Farming					💧				💧	💧	💧		💧	
Common Sense												💧		
Ecosystem Explorations	💧		💧			💧	💧	💧			💧	💧		
Findings of Fall											💧	💧		
Geology and Landforms				💧			💧						💧	
Inspect an Insect											💧	💧	💧	
Lenape Lore							💧				💧	💧	💧	
Lenape Sense												💧		
Pebbles, Sand and Silt											💧			
Pond Sense						💧						💧	💧	
Signs of Spring											💧	💧	💧	
Stream Sense						💧					💧	💧		
What's Bugging You?								💧	💧	💧	💧			
Wonderful Wetlands						💧								



Middle School Program Correlations to Pennsylvania Academic Standards

	3.3	3.5	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
Amazing Adaptations								☹	☹		
Backyard Farming						☹	☹	☹		☹	
Brandywine Watershed Tour										☹	
Canoeing Water Quality			☹		☹			☹	☹	☹	
Evil? Weevils? - IPM					☹		☹	☹			
Human Impact on Environment				☹	☹					☹	☹
Pond Study	☹		☹		☹				☹		
Stream Study	☹		☹		☹			☹	☹		
Team Challenge											
Working Watershed		☹	☹		☹						



Elementary School Programs



Signs of Spring **M S O**

Standards: 4.6.4/4.7.4

Grades K-2; 1.25 hours;

\$5.00/participant

Available Mar. 25 - June 14, 2013

Watch spring unfold as buds and wildflowers pop up, hibernators emerge from their winter shelters and activity picks up again as the days grow longer and warmer. Students will learn how and why plants and animals change with the season.

Stream Sense **M S O**

Standards: 4.1.4/4.6.4/4.7.4

Grades K-3; 1.5 hours; \$5.50/participant

Practice using your senses as you explore a stream and its surroundings. Students will discover what lives in and near a stream and how the plants and animals that live near a stream are different from those that live in a field.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Elementary School Programs

Pebbles, Sand and Silt



Standards: 4.6.4

Grades 1-3; 1.25 hours;

\$5.50/participant

Based on the FOSS® kit of the same name, this program brings the inquiry based approach outside. Students observe rocks and other earth materials by interacting with water in a stream, learn about local rocks and sort a river rock mixture by particle size. Students also learn soil composition by dissection using soil sorter charts. Use this program as an introduction to the kit or as a general overview of earth materials!



Pond Sense



Standards: 4.1.4/4.7.4/4.8.4

Grades K-3; 1.5 hour; \$5.25/participant

Complete a sensory journey around the pond. Discover how a frog is adapted to survive in a pond and learn the different stages of its life. Collect and look at other animals and plants that live in ponds. Compare animals and plants that live in the pond to those that live around the pond.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

High School Program Correlations to Pennsylvania Academic Standards

	3.5	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
Brandywine Watershed Tour									💧	
Canoeing Water Quality		💧		💧			💧	💧	💧	
Pond Study	💧	💧		💧				💧		
Stream Study	💧	💧		💧				💧		



How to Register

1. Select your programs

2. Select your outdoor classroom

Outdoor Classroom Options:

Myrick Conservation Center - located on Route 842, 6 miles west of West Chester and three miles east of Unionville in the beautiful rolling hills of Chester County, PA.

Saalbach Farm - located between Route 30 and Kings Highway in West Caln Township, just outside of Coatesville, PA.

Your School or Nearby Natural Area - Does your school property include a garden, wetland, forest or stream? Or, maybe your school is within walking distance to a park? Save money on the bus! We'll come to you!

 Any program marked with this symbol can be conducted as an outreach program for an additional \$1.50 per student.

We have conducted programs at the following natural areas:

- Stroud Preserve - East Bradford Township, PA
- ChesLen Preserve - Newlin Township, PA
- Shamona Creek Park - Downingtown, PA
- Struble Trail - Downingtown, PA
- Anson B. Nixon Park - Kennett Borough, PA
- Brandywine Park - Wilmington, DE
- Hyde Park - Wilmington, DE
- On the Brandywine Creek! Try a canoe trip!

3. Call us at 610-793-1090

Mondays through Fridays 8:00 AM to 4:00 PM

Ask for Sarah Fisher, Education Program Coordinator

Please have the following information ready:

- First **and** second choice of program dates
- Preferred start time(s) for your program(s)
- Number of students and adults
- Any special needs or requests

Elementary School Programs

New Options! You asked, we listened!

Lenape Lore - Full Day 
Standards: 4.2.4/4.6.4/4.7.4/4.8.4
Grades 3-5; 3 hours;
\$10.00/participant

Step back in time and explore the lives of 'pre-contact' Lenape, our local Native Americans. Students will participate in hands-on activities in our Lenape Village and beyond as they learn about home-life, hunting, foraging, medicinal plants, fishing and games.



This program is broken into two, 1.5 hour learning sessions with a 30 - 45 minute lunch break in-between. **Maximum 100 students. Minimum 25 students.**

Lenape Lore - Half Day 
Standards: 4.2.4/4.6.4/4.7.4/4.8.4

Grades 3-5; 1.5 hours; \$6.00/participant

Want to learn about Native American life and still have time for another program? Then step back in time and explore the lives of 'pre-contact' Lenape, our local Native Americans with our half-day program. Students will participate in hands-on activities in our Lenape Village as they learn about home-life, hunting and games. **Maximum 100 students. Minimum 25 students.**

Lenape Sense   
Standards: 4.7.4

Grades 1-2; 1.5 hours; \$5.25/participant

Travel back in time to learn about the life of the Lenape people. Through various games and hands-on activities, students will gain an insight into how animals and people use their senses to survive. Students will experience the importance of living in harmony with nature like the indigenous peoples lived. This lesson is designed as an introduction to the Lenape Lore programs and does not include a visit to the Lenape Village.

Program Locations

-  - Myrick Conservation Center, West Chester
-  - Saalbach Farm, Coatesville
-  - Other location (add \$1.50/participant)

Elementary School Programs



Geology and Landforms **M**
Standards: 3.5.4/3.5.7/4.2.4/4.8.4
Grades 3-5; 1.5 hours;
\$6.00/participant

Explore a rock outcropping that was quarried in the 1800's and go through the tests geologists use to identify rocks. Discover connections between the rock and soil cycles using a scavenger hunt. Observe how humans and nature impact these cycles. Discover how weather, water and plants affect landforms.

Inspect an Insect **M**
Standards: 4.6.4/4.7.4/4.8.4
Grades 1-5; 1.5 hours; \$5.50/participant
Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Collect fascinating insects in a sweep net. Learn the characteristics of insects and observe the similarities and differences between the various insects and other invertebrates collected at the Myrick Center. Compare and contrast the adaptations of insects that live on the land with those that live in water.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Elementary School Programs

Adventure Team **M**
Grades 4-5; 2 hours;
\$6.25/participant

Can you untangle a human knot? Can two groups create an identical art while whispering down the lane? Students participate in a variety of *problem solving experiences* that require *group cooperation* and physical activity. Activities are designed to break down barriers, foster teamwork and identify leadership potential among students. This program is recommended at the beginning of the school year or prior to group projects or problem-solving activities.



All About Owls **M S O**
Standards: 3.3.4/3.3.7/4.7.4/4.7.7
Grades 3-6; 1.5 hours; \$6.00/participant OR 2 hours; \$8.50/participant with owl pellet dissection (1 pellet per student pair included)

What makes an owl a great nocturnal predator? Can an owl really turn its head all the way around its body? Learn about the fascinating lives of owls through an exploration of their amazing adaptations. Get a close look at taxidermy mounts of at least two different species of owls that live in Southeastern Pennsylvania and then go on a habitat hike. An adapted version of this program can be conducted at your school, winter only.



Amazing Adaptations **M S O**
Standards: 3.3.4/3.3.7/4.6.4/4.7.4
Grades 3-5; 2 hours; \$6.25/participant

Observe a variety of structural and behavioral adaptations of plants and animals at the Myrick Center or other location of your choice. Students will play games and go on a hike to see examples of how plants and animals have adapted in order to survive. "Tool Birds," a game that demonstrates the adaptation of bird beaks can be included by request.

Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

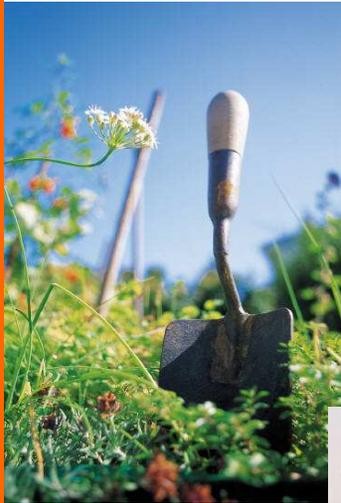
Elementary School Programs

At Home in Your Habitat **M S O**

Standards: 4.3.4/4.4.4/4.6.4/4.7.4

Grades K-3; 1.25 hours; \$5.25/participant

Search for signs of wildlife while learning the four basic components of a habitat. Students discover a variety of animal homes while understanding how specific habitats provide food, water, shelter and space.



Backyard Farming **M**

Standards: 3.6.4/4.4.4/4.5.4/4.6.4/4.8.4

Grades 2-5; 2 hours; \$6.25/participant

Sept. 4 - Oct. 12, 2012 and April 15 - Oct. 11, 2013

Learn about the life cycle of plants and insects while exploring the Myrick Center's organic vegetable garden and greenhouse. Students will test the soil, search for insects and help plant and harvest vegetables as the season permits. Produce is donated to local food cupboards.



Common Sense **M S O**

Standards: 4.7.4

Grades K-4; 1.5 hours;

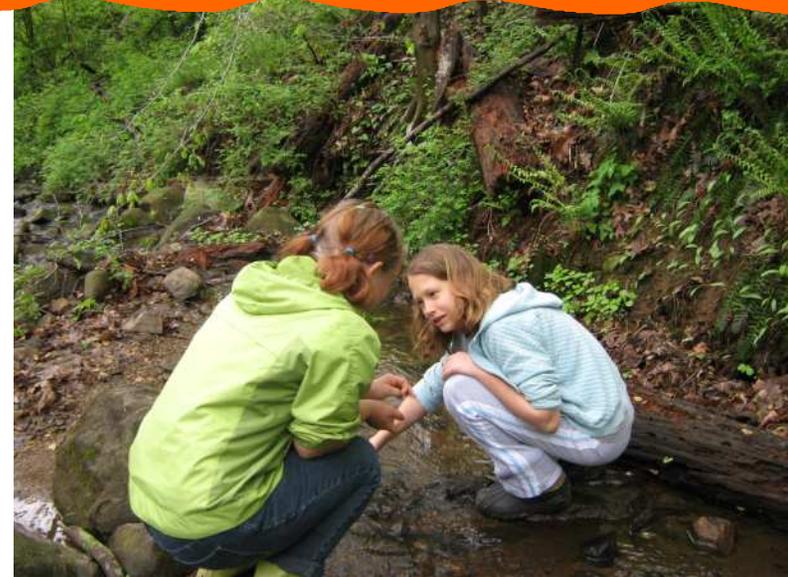
\$5.25/participant

Test your sense of touch, smell, sight and hearing in the outdoors during an exploratory walk. Students will learn to use their "tools" to become more aware of the world around them.

Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)

Elementary School Programs



Ecosystem Explorations **M S O**

Standards: 3.1.4/3.1.7/3.3.4/3.3.7/4.1.4/4.2.4/4.3.4/4.6.4/4.7.4

Grades 4-5; 2 hours; \$6.25/participant

Explore a pond, stream or field/forest community while discovering how its inhabitants interact and adapt. During each community study, students collect organisms and examine their interdependency through the transfer of energy. Small groups may request which community they would like to explore. *Due to property limitations, large groups will need to be divided so that each student explores only one community.*

Findings of Fall **M S O**

Standards: 4.6.4/4.7.4

Grades K-2; 1.25 hours; \$5.00/participant

Sept. 4 - Nov. 16, 2012

Discover how plants and animals change in the fall to prepare for the upcoming winter. Observe the beautiful variety of autumn colors; learn how different animals plan ahead, migrate, and hibernate and investigate the adaptations of special seeds.



Program Locations

- M** - Myrick Conservation Center, West Chester
- S** - Saalbach Farm, Coatesville
- O** - Other location (add \$1.50/participant)