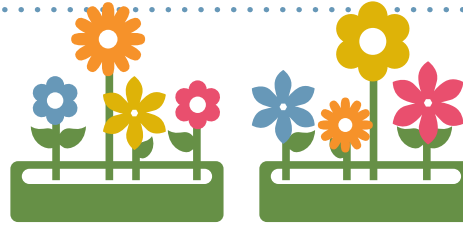




THE SOUTH SHORE NATURAL SCIENCE CENTER

SPRING 2015
March - May

PROGRAM & EVENT GUIDE



Battelle Donates New Mobile Classroom!



We are happy to announce the donation of a Ford Transit van by Norwell-based Battelle. Battelle is the world's largest nonprofit research and development organization, serving the national security, health and life sciences, and energy and environmental industries. Through this gift, Battelle continues to support the Science Center and our work in the community.

The van will serve as a mobile classroom, enabling us to expand our outreach to groups throughout the South Shore. The van's exterior showcases two local habitats: a vernal pool and the seashore. Magnets of the animals that inhabit these areas can be attached to the van, making it an interactive tool, teaching children about the animals living in each habitat. The interior of the van is equipped with cabinets to transport the scientific equipment needed to conduct our programs, from water quality monitoring to vernal pool exploration and more. The van, and its contents, will allow naturalists to drive up to a location and conduct a program directly from it, making study of the natural world more accessible to students.

Battelle's generosity allows us to bring environmental education to hundreds of students from Quincy to Plymouth through in-school and after-school programs that would not have been possible without the van. A mobile classroom allows us to go to the students where they are, fits classroom schedules and allows students to explore the natural areas in their own backyards.

According to Tracy Stenner, Battelle's VP & Deputy General Manager of Energy & Environment, supporting Science, Technology, Engineering and Math (STEM) education is part of Battelle's founding mission. She said that Battelle applauds the work of the South Shore Natural Science Center, providing important environmental educational programs to the children in our communities. We applaud Battelle for their support!



Spring Programs at a Glance

March

- 4 Mammal Munchkins Begins
- 7 Jr. Naturalist Volunteer Program
- 8 Maple Day
- 10 Sprouts Session Begins
- 11 Homeschool Scientists
- 11 Water Watch Lecture: The Quest for the Golden Trout
- 12 Citizen Science Challenge
- 14 Composition and Exposure Workshop
- 18 Water Watch Lecture: The Mystery of Eels
- 20 Junior Farmers
- 21 Backyard Chicken Basics
- 21 Wicked Big Rock Walk
- 21 Growing Up Wild Workshop
- 25 Homeschool Scientists
- 25 Water Watch Lecture: The Coast Guard
- 27 Woodcock at Willow Brook
- 27 Naked Canaries Lecture
- 28 Bunny Egg-stravaganza
- 29 Vernal Pool Party
- 29 Works of Nature Art Reception

April

- 1 Parents & Tots Begins
- 2 Miss Jen's Nature Fun Begins
- 4 Jr. Naturalist Volunteer Program
- 4 Turtle Science
- 4 Looking Closely Art Reception
- 7 Sprouts Session Begins
- 8 Homeschool Scientists
- 9 Citizen Science Challenge
- 10 Sounds of the Night
- 11 Bird and Wildlife Photography Workshop
- 15 Flock Talk
- 17 Junior Farmers
- 19 Return to the Vernal Pool
- 20 A Day at Camp
- 21 April Vacation Week Programs
- 22 April Vacation Week Programs
- 22 Birds and Breakfast
- 23 April Vacation Week Programs
- 24 April Vacation Week Programs
- 25 Volunteer Day
- 25 Photography for Children Begins
- 26 Bug Maker Day
- 29 Homeschool Scientists
- 29 Birds and Breakfast

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Spring Programs at a Glance (cont.)

May

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| 2 Turtle Science | 13 Birds and Breakfast |
| 3 Green Earth Fest | 14 Day Trip to Tower Hill Botanic Garden |
| 5 Sprouts Session Begins | 16 3rd Annual South Shore Coop Tour |
| 6 Birds and Breakfast | 20 Birds and Breakfast |
| 7 Nature Center Preschool Art Reception | 22 Junior Farmers |
| 9 Wildflower Plant Sale | 27 Birds and Breakfast |
| | 29 Light Up the Night |



Celebrating over 52 years in Environmental Education, the South Shore Natural Science Center, a South Shore YMCA Organization, is sited on 30 acres surrounded by 200 acres of town conservation/recreation land consisting of meadows, woodlands and a pond.

Featuring:

- Nature Center Preschool (ages 2.9–5+ years.)
- Nature Adventures Summer Day Camp
- Vacation Week Programs
- EcoZone – Interactive Museum
- Flora II & Fauna Mobile Science Classrooms
- Vine Hall Art Gallery
- José Carreiro Children's Garden
- Interpretive Trails
- Scout Programs, Birthday Parties, School Programs
- Norwell Farmers' Market

“Our mission is to provide natural science experiences that educate, excite, and commit every generation to conserve the environment and to encourage responsible use, stewardship and enjoyment of our natural resources.”

Join Today!

Become an SSNSC Member and enjoy these great benefits:

- Unlimited free admission to the EcoZone
- Free Programs
- Discounts on programs, events, and Summer Camp
- Invitations to special Members Only events
- Discounts on Vine Hall and pavilion rentals
- 10% discount in the SSNSC Nature Store
- Free snowshoe rentals
- And more!

To download a membership form, visit: southshorenaturalsciencecenter.org/membership or email cjacobs@ssymca.org

NEW! Full SSYMCA Members are now Science Center Members. Scan your key fob for free admission into EcoZone and discounts on programs and events.

SSNSC Staff & Board of Directors

Administration Staff

Pam Musk, *Executive Director*
Tracey Cooke, *Business Operations Manager*
Wendy Blomberg, *Functions & Store Manager*
Chris Jacobs, *Director of Development and Member Engagement*
Jen Piepenbrink, *Member Service Associate*
Joan Reid, *Marketing and Administrative Support*

Education Staff

John Galluzzo, *Director of Education and Camping*
Louise Beaudry, *Senior Naturalist*
Jessica Baldeck, *Naturalist*
Eileen Koury, *Naturalist*
Melissa Kurkoski, *Naturalist, Garden Manager*

Preschool Staff

Diane Thureson, *Preschool Director*

Teachers:

Kim Cody
Theresa Delahunt
Janine DiLorenzo
Susan Gallagher
Joan Gerhard
Mary Beth Hines
Melissa Kurkoski
Sheila McCarthy
Cory Noordzij
Christine Richards
Jill Zielinski

SSNSC Board of Directors

Andrew Sullivan, *Chairman of the Board*
Penelope Allen Baltera
Jon Belber
Sachin Bhate
Jon Bond
Patricia DiGiulio
Jeff Helm
Richard Johnson
Tony Jones
Darren Linder
John Lunn
Sheila Matthews
Mark Nellemann
Paul Sheedy

South Shore Natural Science Center

48 Jacobs Lane
Norwell, MA 02061 | 781-659-2559
southshorenaturalsciencecenter.org

Hours:
Monday-Saturday 9:00am–5:00pm & Sunday
11:00am–4:00pm

Admission:
Free for SSNSC and Full SSYMCA members
\$7.00/Adult • \$5.00/Senior (60+) \$3.00/
Children (3-15)

Trails open daily from dawn until dusk free
for your enjoyment

YOUTH PROGRAMS

For the Younger Set

Mammal Munchkins

Ages 1.5-3.5 years (with a caregiver)
 March 4 – March 25
 Wednesdays, 9:45-10:45am

Hop like a rabbit, trot like a fox, and waddle like a skunk. Learn about mammals and their forest friends through games, music, creative movement, crafts and free play. Space is limited. Sign up soon!

Fee: \$6 Member; \$9 Non-Member per class



Sprouts

Ages 3-5, Drop-off
 Tuesdays starting March 10
 9:30-11:00am

As Spring grows into Summer in the garden there will be lots to investigate when plants started from seeds begin to bear a tasty harvest. We'll plant, grow, and

taste our way through the

warming months and meet the feathered and furry friends who also enjoy fresh garden treats. Space is limited. Sign up soon!

Fee: \$40 per session Member; \$52 per session Non-Member
 Session 1: March 10, 17, 24, 31
 Session 2: April 7, 14, 21, 28
 Session 3: May 5, 12, 19, 26

Parents and Tots Nature Walk

Ages 5 and under (with a caregiver)
 Wednesdays starting April 1
 9:45-10:45am

Take a leisurely guided walk with your tot to discover the wonders of the woods, pond, garden, and more! Explore the outdoors and investigate the change of seasons with one of our naturalists. Dress for the weather!

Fee: \$5 Full Member; \$7 Non-member
 Caregivers and infants under 1 are free

Miss Jen's Nature Fun

Ages 2.9-5, Drop-off
 Thursdays, 9:30-10:45am
 April 2 – May 21 (No class
 April 16)

Join Miss Jen in a circle time to share stories, songs and finger plays about a variety of nature themes. Enjoy games, movement, and a craft as we explore animals and nature.

Space is limited. Sign-up soon!

Fee: \$10 Member; \$13 Non-Member per class



Growing Up Wild

Join SSNSC Educators/Growing Up Wild facilitators for a training that provides opportunities to connect young children to nature.

Growing Up WILD demonstrates through its materials and training how early childhood learning objectives can

be reached through use of the outdoors and nature-themed activities combined with art, music, and play. It also builds the confidence of early childhood educators to lead outdoor explorations by providing ready-made activities, easily digestible background information, and high quality personal training programs. Each participant will receive a Growing Up Wild curriculum guide as well as other resources to directly apply in your setting!

CEU's are available!

Cost: \$30 due at registration; additional \$3 for CEU's

Call 781.659.2559 to register.



YOUTH PROGRAMS (CONT.)

For School Age

Citizen Science Challenge

Grades 3-5
March 12, April 9
Thursdays, 4:00-5:30 pm

You don't need a white lab coat and a microscope to make scientific discoveries! Join us each month as we explore a different citizen science program, collect data, and enter it into databases that will shape future environmental actions across the United States. Topics include Project Squirrel (3/12), FrogWatch (4/9). Space is limited. Sign up soon!

Fee: \$15 Member; \$18 Non-Member per class



Homeschool Scientists

Ages 5-10
March 11, 25; April 8, 29
Every other Wednesday 10:00-11:00am

Join us for programs designed especially for homeschooled children. Each class will feature hands-on experiments and activities. Dress for the weather. Pick which topics or dates you prefer. Space is limited. Sign up soon!

March 11: Astronomy
March 25: Trees
April 8: Titanic
April 29: Vernal Pools

Fee: \$10 Member; \$13 Non-Member per class



April Vacation Week Camp: Amazing Habitats

Ages 6-10
April 21-24, 9:00am-12:30pm
Extended Day! 12:30-2:00pm

Each day we will investigate a different habitat to see what we can find. How is a pond different from a vernal pool? What animals like to live under a log? Who is singing in the meadow or sneaking through the woods? Come discover the world of the Science Center. Space is limited. Sign up soon! To register, please email Eileen Koury ekoury@ssymca.org, or call 781-659-2559 x213.

Tuesday, 4/21 - Meadow
Wednesday, 4/22 - Forest
Thursday, 4/23 - Vernal Pool
Friday, 4/24 - Pond

Fee: \$33/day/Member;
\$38/day/Non-Member
Extended day \$15/day

Junior Farmers

Grades 2-5
March 20; April 17; May 22; June 19
Fridays, 4:00-5:30pm

Community gardens can grow with kid power! Each session will focus on a garden project to discover what it's like to care for animals, grow your own food, and share a garden with the human and wildlife community that surrounds it. Space is limited. Sign up soon!

Fee: \$10 Member per class; \$13 Non-Member per class

Lunch Box Adventures

Ages 4-7 (Caregivers welcome to stay)
Saturday, May 9
10:00-11:00am

Bring your lunch box along for the journey as we explore foods that make our lunch from tropical trees up high to edible roots under the ground, and everywhere in between! We'll fill your lunch box with treasures to take home! Space is limited. Sign up soon!

Fee: \$7 Full Member; \$10 Non-Member



Pre-registration required for all programs unless otherwise indicated.

Visit southshorenaturalsciencecenter.org
or call 781-659-2559

FAMILY PROGRAMS



Ongoing Family Drop-in Programs

(free with admission)

Tales from the Wild

Ages 3-5 years, with a caregiver
Fridays, 10:30-11:00am

Join us for a half hour of nature-themed storytelling that will delight young listeners. Extend your stay to explore the EcoZone!

Feed the Animals

All ages, with a caregiver
Saturdays, 10:00-10:30am

Watch the Naturalist on Duty feed the animals at the Science Center, learn what they eat both here and in the wild, and how we care for them in captivity.

Meet an Animal

All ages, with a caregiver
Sundays, 12:00-12:30pm

Meet a different SSNSC ambassador each week. Learn fun and exciting facts about the animals that call Southeastern Mass their home.

Turtle Science

All ages, with a caregiver
Saturdays, April 4, May 2, 9:30-10:00am

Join us monthly as we track the growth of our Red-Bellied Cooter hatchlings. We'll weigh and measure them as part of the state-wide "Head Start" program for these endangered turtles. You'll learn how we track their progress, what we feed them, and how the Science Center is part of a program that has been going on for thirty years.

Maple Day

All Ages
Sunday, March 8th
Drop-in 11:00am-4:00pm

Join us for a "sweet day" as we explore maple history, culture, and production. Enjoy the process from start to finish as you help tap the trees for sap and then watch as it is boiled into syrup. The day will include scheduled woodland walks for tapping, sweet treats, and fun crafts and activities.

Fee: \$5 Member; \$8 Non-Member



Backyard Chicken Basics

All ages
Saturday, March 21
10:00-11:00am

Curious about keeping backyard chickens? Chickens offer many benefits for your family and your backyard. Learn the basics from raising chicks and choosing a coop, to protecting your flock from backyard wildlife and more. Tour the Science Center's coop, meet the hens, and ask questions about raising your own flock. Space is limited. Sign up soon!

Fee: \$3 Member; \$5 Non-Member

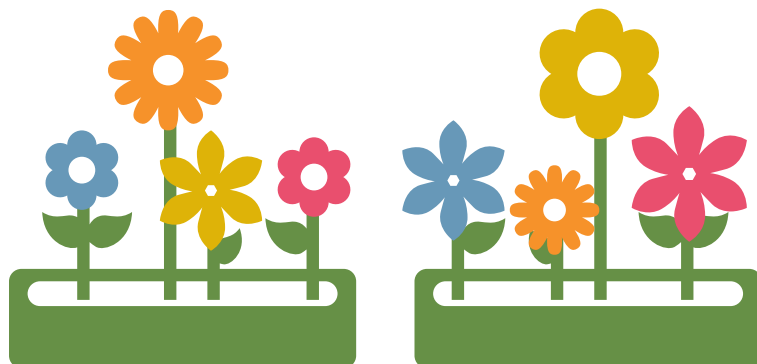


Bunny Egg-stravaganza

All ages, accompanied by an adult
Saturday, March 28
2 Programs: 10:00am & 1:00pm

Rabbits, chickens and eggs are a sure sign of spring! We'll decorate eggs with natural dyes, enjoy an egg hunt in the Children's Garden, meet some spring animals, and more! Space is limited. Advanced tickets sales only. Call 781.659.2559.

Fee: \$10 Member; \$13 Non-Member; Caregivers Free



FAMILY PROGRAMS (CONT.)

Vernal Pool Party

Ages 5 and up
Sunday, March 29
1:00-2:30pm

Puddles come and puddles go, and so do vernal pools. These mysterious temporary bodies of water are home to many different animals, if only for a short amount of time. Awesome creatures such as spotted salamanders, wood frogs, and fairy shrimp use these pools to lay their eggs and turtles visit to find food. Join us to celebrate these unique and wonderful wetlands and discover what secrets they hold. Dress for the weather; the salamanders don't care if it's raining and neither do we. Wear close-toed waterproof shoes or boots. Space is limited. Sign up soon!

Fee: \$5 Member; \$7 Non-Member

Sounds of the Night

Ages 7 and Up
Friday, April 10
7:00-8:30pm

The trails are a magical place after dark when the evening animals come out to sing their songs. Enjoy this rare opportunity to be out after sunset while we explore the trails, looking and listening as we go. Learn to identify the sounds of frogs, insects, mammals and whatever else is out and about. We'll do a few activities to adjust our eyes to the darkness as we go. No flashlights please! Space is limited. Sign up soon!

Fee: \$5 Member; \$8 Non-Member

Return to the Vernal Pool

Ages 5 and up
Sunday, April 19
1:00-2:30pm

Join us as we return to the vernal pools to investigate the awesome creatures that live here, such as salamanders, wood frogs, and fairy shrimp. This temporary pool can change rapidly in a month, maybe the eggs have even become tadpoles. Discover the differences from earlier in the season or explore this mysterious body of water for the first time. Dress for the weather and wear close-toed waterproof shoes or boots. Space is limited. Sign up soon!

Fee: \$5 Member; \$7 Non-Members



A Day at Camp

All ages
Monday, April 20
10:00am-4:00pm

Join us for a hands-on day of camp fun! We'll play games, investigate pond water, explore the trails, make crafts, and meet some animals.

Fee: Drop-in, Free with Admission

Camp registration is currently underway!

Check out our summer camp programs for ages 3 - Grade 7 online at:
southshorenaturalsciencecenter.org/summer-camp

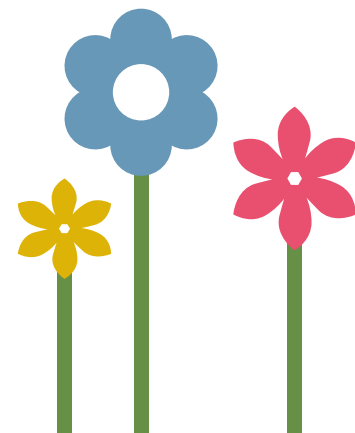


Bug Maker Day

All ages, accompanied by an adult
Sunday, April 26
11:00am-3:00pm

When you think of insects and their adaptations what comes to mind? Learn about these amazing creatures and then make your own bugs using recycled materials.

Fee: Drop-in, Free with Admission



ADULT PROGRAMS

Water Watch Lecture Series

The final lectures in this FREE series presented by the South Shore Natural Science Center, the North and South Rivers Watershed Association, and Mass Audubon South Shore Sanctuary. Lectures are held Wednesdays at 7:00pm. For full descriptions, please go to southshorenaturalsciencecenter.org/water-watch-lecture-series/

March 11

The Quest for the Golden Trout

with Douglas M. Thompson, Author and Director of the Goodwin-Niering Center for the Environment at Connecticut College

March 18

The Mystery of Eels

with James Prosek, Artist, Author and Activist, Yale University

March 25

The Coast Guard: A Century of Service on the South Shore

With Commander Anne Morrissey, USCG

Wicked Big Rock Walk

Adults
Saturday, March 21
9:00-10:30am

Glacial erratic boulders are sights to behold, but where can we find them? Join John Galluzzo as he leads us along the trails of Cohasset and Hingham's Whitney/Thayer Woods in search of the biggest of the biggest and the stories behind their names: Rooster Rock, the Bigelow Boulder, Ode's Den and more! Meet in the parking lot on Route 3A in Cohasset, across from Stop & Shop. Pre-registration required.

Fee: \$5 Member; \$8 Non-Member

Woodcocks at Willow Brook

Adults
Friday, March 27
6:45-8:00pm

We know spring is here when Timberdoodles take to the sky! We'll position ourselves at sunset in the field at Willow Brook Farm Preserve, listen for the first "Peent!" of a male American Woodcock, and watch the show unfold. Meet in the parking lot on Route 14 in Pembroke. Pre-registration required.

Fee: \$5 Member; \$8 Non-Member

Flock Talk

Adults
Wednesday, April 15
6:30-8:00pm

With a combined history of over 50 years keeping backyard poultry, this panel of experienced chicken keepers will each present a mini lecture on topics such as raising Bantam breeds and the benefits of using herbs with your flock. The lecture will be followed by an opportunity for questions.

Fee: Free, open to the public

Birds and Breakfast

Adults
April 22, 29; May 6, 13, 20, 27; June 3
8:00-10:00am

Spring migration is underway! Join us every Wednesday morning for a peek at and a listen to the warblers wandering through. We'll spend an hour or so in the field, then retreat indoors for breakfast treats. Pre-registration required.

Fee: \$8 Member; \$10 Non-Member



Day Trip to Tower Hill Botanic Garden

Adults
Thursday, May 14
9:00am-4:00pm

Join us for a trip to Tower Hill Botanic Garden in Boylston, MA. Headquarters of the Worcester County Horticultural Society, Tower Hill boasts a variety of gardens dedicated to woody plants, vegetables, plant systematics, fruits, perennials and wildlife. Of particular interest are the Limonaia and Orangerie, containing the Garden's collection of camellias and citrus plants. We'll enjoy a guided tour of the property, followed by lunch (on your own) at the Garden's Twigs Café. The fee includes transportation, admission and guided tour. Space is limited and pre-registration is required.

Fee: \$30 Member/Garden Club Member; \$40 Non-Member

Pre-registration required for all programs unless otherwise indicated.

Visit southshorenaturalsciencecenter.org
or call 781-659-2559

NATURE CENTER PRESCHOOL



Enrollment for Fall 2015 is open! Enroll now--spaces filling quickly! Our nature curriculum for preschoolers offers a hands-on, experiential, and multi-sensory approach that allows young children to discover their world by asking questions, making observations, experimenting, and finding answers. We offer

a unique and enriching nature-based curriculum that is child-centered and meets the needs of young children in all developmental areas, ensuring kindergarten readiness and love of learning. Children have direct experiences with the outdoor environment, developing a sense of caring and stewardship for nature. Contact Diane Thureson, Director, at dthureson@ssymca.org or call 781-659-2559 ext. 216 for more information about registering for the current school year, Fall 2015, or vacation week programs.

Nature Center Preschool Vacation Week Programs

For children ages 3-6
Fee: \$33/Member/day; \$38/Non-Member/day

All sessions are 9:00am-12:30pm; please send your child to the program with a peanut free/dairy free snack and lunch. Extended day! 12:30-2:00pm additional \$15

Nature Center Preschool Teachers and Science Center Naturalists combine talents for a unique Vacation Week Program for children ages 3 to 6! Through outdoor exploration, art, and more, we will observe and make connections to the natural world in our own backyard. Please dress appropriately to go outside.

Colors in Nature

Children will experiment with color and discover some unique ways that plants and animals use color.
April 21, 22, 23, 24

Tuesday: Searching for Spring Colors
Wednesday: Camouflaging with Color
Thursday: Dyeing with Natural colors
Friday: Colors in a Rainbow

To register, please contact Diane Thureson, Preschool Director, at dthureson@ssymca.org or 781-659-2559.

VOLUNTEERISM

Junior Naturalist Volunteer Program

Ages 6 – 13
Saturdays, 9:30-11:30am
April 4, May 2, June 6

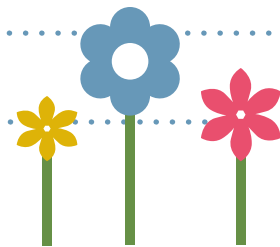
Engage in a fun and rewarding volunteer program! Each month we will utilize STEM programming to focus on a different aspect of the Science Center including Animal Care, Trail Work, and tending the Children's Garden. Children must be accompanied by an adult. Volunteer credit for community service received. To register, please email Chris Jacobs, SSNSC Volunteer Coordinator, at cjacobs@ssymca.org.

Fee: No Charge

Trail Clean-up Day

Saturday, April 25
9:00am-12:00pm

This winter's storms brought down limbs and left behind debris on SSNSC's trails and grounds. Help us spruce up the Science Center for our spring programs and events. Please wear long clothing, sturdy shoes, and bring work gloves. In addition, please consider bringing rakes, shovels, loppers, etc. labeled with your name. Refreshments will be provided. Rain date: Saturday, May 2



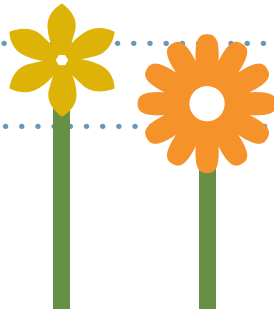
2014 Volunteer Awards

In December, staff and volunteers gathered at the Annual Volunteer Potluck Luncheon to celebrate the contribution of time and talent of SSNSC's amazing volunteers. The Barbara Devine Award is given to volunteers who donate a minimum of 150 hours in a calendar year. 2014 recipients included Jan Ruell, Corinne Waite, John Thomson, Melissa Butka, David Haigh, John Kaczorowski and Mary Lee Waisgerber. Volunteers recognized for donating over 75 hours included Julie Kurkoski, Jim Spinale, Anand Merchant, Elsa Ryberg, Mary Gartung and Kenny Paul. Kenny also received the 2014 Volunteer of the Year Award for his willingness to take on any task, no matter how daunting. We thank all of our volunteers for their unflinching dedication to the Science Center! We couldn't do it without you!



Kenny Paul
2014 Volunteer of the Year

EVENTS



Green Earth Fest

All ages

Sunday, May 3

11:00am-4:00pm

Join us to celebrate the Earth in this fun family event! Learn the importance of caring for our planet, and enjoy children's activities, eco-exhibits, farm animals, food, music, live animal shows, and more!

Fee: Free

Wildflower Plant Sale

Saturday, May 9, 8:30am-12:30pm

Just in time for Mother's Day! Our plant sale has something for everyone-adult and child! Choose from native species, wildflowers, plants that attract butterflies and hummingbirds, drought tolerant specimens and more. We will have choice and well-known favorites from local gardeners and New England nurseries. Come early for the best selections! Friendly, knowledgeable gardeners will be on hand to assist you and answer your plant and landscaping questions. Email cjacobs@ssymca.org for more information on donating.

Hen House Hop- 3rd Annual South Shore Coop Tour

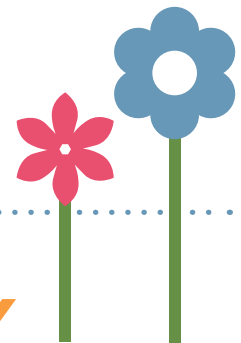
All ages

Saturday, May 16

10:00am-4:00pm

Tour an array of private backyard chicken coops on the South Shore demonstrating how to house and care for a variety of poultry. Discover unique solutions homeowners utilize for predator protection, ensuring flock health, and more. Purchase your ticket and map at the Science Center; meet the chickens, wander through the José Carreiro Children's Garden, purchase chicken-inspired gifts and handcrafts, and learn from "Friends of a Feather" 4-H members.

Fees: \$6 Member; \$8 Non-Member in advance; \$10 day of event





VINE HALL ART GALLERY








Naturalist Corner: Maple Sugaring

Did you know that...

 It takes about 40 gallons of maple sap to produce 1 gallon of maple syrup?

 Last year, the United States produced 3.17 million gallons of maple syrup?

-  A sugar maple tree needs to be at least ten inches in diameter (about forty years old) before it can be tapped for the first time?
-  Very old sugar maples can take as many as four or five taps and can be four hundred years old?
-  The length and time of the sugaring season is totally dependent on the weather?
-  A group of maple trees is called a "sugarbush"?
-  The building where the sap is boiled and transformed into maple syrup is called a "sugarhouse"?



March 3-29, 2015

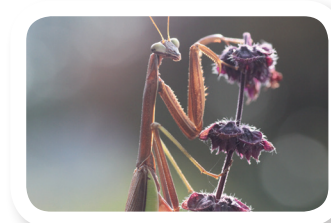
Works of Nature

The exhibit features the work of members of the 4th Floor Artists, in a colorful display using a variety of media. Meet the Artists reception: Sunday, March 29, 1:00-3:00pm.

March 30-May 3, 2015

Looking Closely: My Garden 2011-2014

Biology teacher Linde Eyster presents a macrophotography exhibit of invertebrates found in her backyard. Meet the Artist reception: Saturday, April 4, 2:00-4:00pm



May 6 - 28, 2015

Nature Center Preschool Art Show

Opening Reception: Thursday, May 7, 5:30-7:30pm

Children's work reflects lessons about Franz Marc, Jasper Johns and Wassily Kandinsky. Easel paintings showing children's independent exploration of color and media will also be included.

HEIDI FERGUSON PHOTOGRAPHY SERIES

Pre-registration required unless otherwise noted. Call 781.659.2559 to register.



Composition and Exposure with Greg Lessard

Saturday, March 14,
10:00am-2:00pm

Fee: \$60 Member; \$80 Non-Member (lunch is provided)

Have you ever wondered how to create stunning images? In the morning, Greg will discuss everything from foregrounds to backgrounds, including the rule of thirds,

leading lines, the use of F-stops for creatively controlling depth of field and how to create three-dimensional photographs. In the afternoon, he will explain how to use the meter in your camera to get the best possible image. In this workshop, you will learn how to adjust your camera to get outstanding exposures. Please bring your cameras to practice metering in manual mode. Pre-registration required. For more information on Greg Lessard, please visit www.greglessardphotography.com

Bird and Wildlife Photography in Massachusetts and Beyond: "Where, When and How"

Presented by Shawn Carey of Migration Productions www.migrationproductions.com

Saturday, April 11, 9:30am-4:30pm

Fee: \$75 Member; \$100 Non-Member (lunch is provided)

Over the last ten years, bird and wildlife photography has seen a surge in popularity—thanks in large part to vast improvements in digital technology. Digital cameras are better, easier to use, and more affordable than ever. But how do you choose the right one? And once you have the camera, what's next? Don't panic. Renowned wildlife photographer and educator Shawn Carey will expertly guide you through these topics and share some tricks of the trade to help you truly enjoy your experience. Along with stories of his own experiences in the field, and lots of give-and-take with the audience, the gathering is sure to be eye-opening and lively.

Section #1: Photo equipment: cameras, lenses, tripods, photo blinds and other "odds and ends."

Section #2: Location, location, location! Where and when to photograph birds and wildlife in Massachusetts, and what you'll need when you get there—plus a few other locations in the U.S. that are well worth a visit (or two).

Pre-registration required.

Photography for Children with Kevin Walsh

Saturdays, 1:00-3:00pm
April 25, May 2, 9, 16

\$50 Member; \$65 Non-Member

Join Photographer Kevin Walsh for an introductory photography class for children ages nine to fourteen years old. In this four week class, students will learn how to operate their cameras; how to regularly get well exposed photos; the use of flash; basic elements of composition; and how to incorporate photography into nature and other interest areas young people have.

Pre-registration required

Family Photo Fun

May 3-September 11
All Ages

Experience the excitement of searching for nature's treasures with a family photo scavenger hunt! Grab your camera, phone or tablet and hit SSNSC's trails and woods for a fun adventure as you search for seasonal changes. Pick up the list at the front desk and stop by for a family prize when you are finished.

Fee: Free with Admission, Drop-in



PHOTOGRAPHY SERIES (CONT.)



Save the Date – Photographing Acadia National Park

October 16-18

Have you ever caught the sunset at Bass Harbor Head Lighthouse, or the sunrise at Otter Cliffs? How about the fall foliage on the Bubbles? Or first light from the top of Cadillac Mountain. All of these opportunities and more are available on our fall digital nature photography trip to Acadia National Park on Maine's Mount Desert Island. Our director of education, John Galluzzo, will be joined by professional nature photographer Greg Lessard for this three-day digital photography adventure.

Contact John Galluzzo at jgalluzzo@ssymca.org for an itinerary or to register.

Fee: \$375, Covers all transportation, lodging and park entry fees.

A \$75 non-refundable, non-transferable deposit is required at the time of registration. No cancellation refunds will be issued 6 weeks prior to the program unless we can fill your space. Single supplement \$90. Payment in full is required by September 16, 2015.



Naked Canaries Lecture and Exhibit

at Eastern Nazarene College, Quincy
Ruth Cameron Auditorium,
Mann Student Center

Friday, March 27, 7:00pm

Join the Eastern Nazarene

College Biology Department and Honors Program for a lecture and photographic exhibit, "Naked Canaries", a photographic exploration of the beauty and biology of amphibians, the causes of their declines and their message for us all. The exhibition includes 18 photographs of amphibians from the US and Costa Rica, and tells their story as "canaries in the coal mine" - indicators of the health of our environment. The speaker and photographer is Dr. John Cossel from the Biology Department at Northwest Nazarene University. Dr. Cossel is a herpetologist who studies amphibians in Idaho and Costa Rica. The photographs will also be on exhibit at least one week prior to the lecture in the Nease Library at ENC.

Fee: Free, Drop-in



The Heidi Ferguson Photography Series

is provided by the Ferguson Family in memory of Heidi

"I often ask myself why it is that I photograph and why it is so important to me. These photographs, these images are of one moment in time, yet they are held in space and time to view...to be with...to learn from... They are constantly changing and constantly teaching us about life about strength, integrity, vulnerability, relationships, solitude, connection. Each person, each animal, each landscape, each object creates a presence and shares a space in time with me."

Heidi Ferguson (1978 – 2012)



**THE SOUTH SHORE
NATURAL SCIENCE CENTER**

A South Shore YMCA Organization

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PROGRAM & EVENT GUIDE SPRING 2015

*Light Up
the
Night*

South Shore Natural Science Center
Barn Dance
Friday, May 29th, 2015 7:00 pm

Music • Dancing Under the Stars • Elegant Cuisine • Live Auction



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