A hands-on museum for children!

SCHOOL PROGRAMS

2015-16 WORKSHOPS & FIELD TRIP GUIDE

The Discovery Center of the Southern Tier
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THE DISCOVERY CENTER is a hands-on children’s museum serving the Southern Tier of NY & Northeast PA. Our interactive exhibits and school programs foster play, sparks creative thinking and builds self-esteem.

Choose from over a dozen school programs to educate, enlighten and entertain your students! We provide programs that are engaging for students, content intensive and manipulative rich for retention.

Choose From Four Programming Formats:

**Self-Guided Visit**
Enjoy 1.5 hours of museum exploration, unlimited Story Garden play and reserve our café for lunch or snack. $5/person for groups of 10+. Reservations required.

**On-Site Exploration 15 minute Program**
Groups of all sizes can enjoy an educational show for a nominal fee! Choose from favorites such as Bubbleology, Once Upon a Time or our NEW program How the Bee Got It’s Stinger. Groups of up to 20-children $10. Groups of up to 50-children $20. and groups of up to 100-children $30. Group rate applies, reservations required.

**On-Site Exploration with One Hour Workshop**
Choose from over two dozen educational workshops to make the most of your experience at the museum. $9/student, reservation required.

**Museum to You!**
We come to you! Our museum educators will bring exciting hands-on workshops right to your classroom! Choose any of our school programs for a great in-class experience. We provide all the materials and the fun! $6/student, reservations required.
PROGRAM LISTING

LITTLEST FRIENDS (Preschool)

Animals in Winter How do animals survive during the cold winter months? Using songs and movement activities, we’ll learn about animal adaptations for survival when it’s cold outside and food is scarce.

Dinosaur Roar Pre-K paleontologists set off on a fossil adventure! Explore what dinosaurs looked like, what they ate, and even get our hands dirty with a fossil dig excavation of our own!

Sea, Sand & Me Explore the world under the ocean with this hands-on ocean workshop. Your students will be amazed as they touch live sea creatures and sing fun songs to learn all about our friends under the sea.

GRADES K-2

Candy Math Math will never be this yummy! Learn about the history of sugar and practice your tally skills as we work with counting, pattern making, sorting, and measuring—all using candy as the game pieces!

3-2-1 Blast Off! A StarLab Journey Enter the giant silver dome and transform into junior astronauts ready to explore the celestial bodies with our star show. Learn all about stars, common constellations and learn about some traditional constellation myths.

Fabulous Fossils Grab our gear as we become paleontologists and “dig” for clues to help us discover all about dinosaurs! Discover how fossils are made and learn about the dinosaurs that made them.

Flight of the HoneyBee Imagination takes flight with this special workshop that introduces students to the way honeybees and machines fly through the air. Hands-on learning makes this introduction to physics one to buzz about.

H2O Bubbles & Beyond Explore the many uses of water with our wet and wacky activity stations. Add a little soap for some bubble fun as we learn about the many unique qualities bubbles have.

“O” is for Oviparous Fun and learning is hatching in this program as we learn about the world of oviparous (egg-laying) animals. Using skills of observation and prediction, students will get an up-close look at eggs of all kinds.

The Sensational Five Senses Hop on the brain train as we explore how each of our five senses makes sense of the world around us. Moving from station to station, students will complete our “You’re Sensational!” booklet to help them see how our senses help our body work.

Bees Make Sense Do bees have senses and what do they use them for? Students will investigate the honeybees senses and explore their unique qualities. Using a “Bees Make Sense” booklet children will record the similarities and differences between human and bee senses.

The Spooky Five Senses (Oct. Only) Are you brave enough to feel Horrible Hagrid’s hair? Take a whiff of the cauldron and try to identify what’s been brewing? This special seasonal offering is sure to bring some Halloween magic to your classroom.

What’s the Buzz: Home Sweet Hive Hear that? Bees are all the buzz at The Discovery Center! Students will learn about the bee life cycle, investigate the shapes of hives, and learn about the different ways humans mimic bees.

Math in Nature: The Symmetry House Have you ever looked at nature and noticed all the shapes, patterns and colors that exist? Students will discover all the mathematics found in nature by a series of fun activities that will instruct students about measurements, symmetry and introduce them to the Fibonacci sequence.

GRADES 3-5

Across the Skies: A StarLab Journey Enter the giant silver dome and get ready to explore the celestial bodies with our star show. Discover what it takes to make a star, identify common constellations, and explore traditional constellation myths from Native American or Ancient Greek cultures.

Dia de los Muertos Candy Skulls (Oct. and Nov. Only!) Take a cultural journey to Mexico and learn about the tradition of creating colorful calaveras de azúcar (candy skulls) to celebrate The Day of the Dead—Dia de los Muertos! This colorful and spooky holiday will delight your students!

Go, Go Gadget! Have you ever wondered what makes your favorite toys jump, move and blink? The answer is simple—simple machines that is! We’ll review each of the simple machines and then open some of our favorite toys to look at the ‘guts.’

Locks and Dams: Engineering a Canal This hands-on engineering workshop, students will demonstrate first-hand how a lock-and-dam system makes an impassable part of a waterway navigable. Students work in teams to build a miniatura lock system right in the classroom.

Low Bridge! The History of the Chenango Canal The Chenango Canal connected Binghamton with Utica and the Erie Canal to the North. Students will explore the many implications the Canal had on the Binghamton area and its surrounding area as they role play different individuals to understand the many impacts it had.

Susquehanna Meets the Chesapeake Explore the different bodies of water that make up a watershed ecosystem using the Susquehanna Watershed as a model through various hands-on activities. Observe the impact of pollution on this extensive water way system.

Touch Local History! Travel back in time with The Discovery Center and learn about the people who settled your community with a unique, hands-on exploration of your very own local history! TLH is tailored to the local communities surrounding each school district.

What’s the Buzz: Building Like a Bee Bees are among nature’s best engineers and humans can learn a lot by studying them. Find out about polygons, and discover why humans are taking a lesson from bees using hexagons to build bridges! Build and test your own polygon structure.

For information on how these programs meet NYS Core Curriculum standards, email aflorance@thediscoverycenter.org
EARLY BIRD SPECIAL
Schedule an hour long workshop from Sept-Dec and receive $1 off per person. Offer is valid for first time schools or those who have not purchased in two or more years. Not valid on BOCES purchases.

PAYMENT INFO
Payment is due the day of your visit. We accept cash, Visa, MasterCard, purchase orders, and checks.

TRIP SCHEDULING
Field trips are scheduled during our normal museum hours: Tuesday- Friday from 10 a.m. to 4 p.m. on a space-available basis. Preschools only on Mondays. Call early for best selection. During peak field trip season, dates often fill a month or two in advance.

LENGTH OF VISIT
Field trips include 1.5 hours of museum play, unlimited Story Garden play, and an optional half-hour lunch. Additional scheduling is usually required for large groups or those purchasing one-hour workshops.

CANCELLATIONS
Please give at least one week notice for any cancellation so we can give your slot to other interested schools.

TRIP PLANNING
Trip Confirmation: Before your visit, you will receive an e-mail confirmation with program times, museum rules, and other information to help you prepare for your day with us.

Adult Chaperones: We recommend one adult for every 5 preschoolers or 10 school-age children. Our group rate applies for all chaperones unless otherwise specified.

Behavioral Expectations: Chaperones are expected to actively supervise children and facilitate appropriate behavior in the museum. Children are asked to pick up exhibit areas after use and follow all safety rules.

Stay for Lunch: When available, space can be reserved for lunch or snack use. On nice days you can also eat outside on our patio or in our Story Garden. The Discovery Center does not serve or sell food.

Museum Store: Our museum store has exciting toys and treats for all ages! Students are welcome to shop but must be supervised at all times.

Make a Reservation: Call (607) 773-8661 ext. 202 or email aflorance@thediscoverycenter.org today!