

# SUMMER OF Discovery

**Summer of Discovery 2008** continues our week-long, hands-on courses – take one week or all six. Summer of Discovery is designed to give participants, **ages 7-14**, exhilarating summer experiences that challenge and nurture mind and body. Students can reach to the sky and connect to the earth. Join NSCC as we support “green” initiatives. Gain more awareness of self and others through creating, performing, and responding through the arts and sciences. Courses are designed and taught by experienced, caring professionals who emphasize fun in an educational setting. Summer of Discovery is held on the Lynn campus, 300 Broad Street. Programs run **Monday-Friday from 9:00 AM to 4:00 PM**; early drop-off at 8:00 AM and late pick-up at 5:00 PM is available for a nominal additional fee. **Tuition: \$249 each week (10% discount for all six weeks).**

## Week 1: July 7-11

**Adventures of Baseball – Trivia and More.** Baseball, Red Sox, solo players, teams and team spirit. Learn about baseball through the years and find out how the Boston Red Sox went from hard-luck losers to World Champions. Throw yourself into the kind of adventures the Sox faced as they each discovered their own power and the power of teamwork to overcome obstacles, and with respect, safety, and fun. (Ages 7-10)

**Comic Strip Gallery.** Develop your own special world of characters – your own SpongeBob or Cheetah Girls. Create a series of 4-panel comic strips using humor, scenarios, timing, and creative drawing skills. Produce a successful comic strip! (Ages 11-14)

**Robotics Adventure.** R2D2 needs a friend and you can help build it. Create a walking robot with a Lego Mindstorms NXT Robotics kit. Use the instructions and problem-solving skills to program the computer using Bluetooth wireless technology. Afternoons will be spent with Craig Vadala, popular Phys Ed teacher and coach, who will lead you in different kinds of challenges: developing your inner leader, solving group problems, and discovering the power of working with a group. (Ages 7-14)

## Week 2: July 14-18

**The Magic of Flight.** Learn the magic of flight! Taught by John Kreeft, Assistant Professor of Aviation at Daniel Webster College, and his assistant, this course will uncover the mysteries of flying. Making kites, weather science, navigation, and map making will be part of this hands-on course. (Ages 7-10)

**ACE Camp: The Art & Science of Aviation.** Learn how to fly ... just like real pilots! With “Microsoft Flight Simulator” you will learn to take-off and land, and learn about navigation and communications. Airspace, airport operations – with hands on activities, you will learn how an airplane flies as well as how an airport works. By the end of the week you will be able to plot, plan, and fly your own routes on the simulator. We will also look at the history of aviation, from the Wright Flyer to the F-22. Instructor James Brough is a licensed pilot with over 250 hours of experience, President of the New Hampshire Aviation and Space Education Council, and runs other aviation camps in New Hampshire and Massachusetts. (Ages 11-14)

**Soar.** Defying gravity, momentum, velocity, maps, machines, and you. Can they turn into a dance – your dance? Exercise your mind, think with your body. Experiment with the wonderfully imaginative ways dance can express ideas; play with rhythm, shape, space, and design. Find the magic of movement and soar through your day. (Ages 7-14)

## Week 3: July 21-25

**Young Artists, Famous Artists.** Calling all young artists! Let your artist-self explore, play, and create with paint and other materials in this workshop by the sea. Learn about famous artists like Salem’s Winslow Homer, Fitz Henry Lane, and Frank Benson. Find out what they liked to paint or draw when they were young. See paintings and artwork they did when they grew up. Each day we’ll learn about a different artist and then experiment with some of the ways the artist created, using a variety of materials, mixing colors, making texture paintings, printmaking, and sculpting with clay. (Ages 7-10)

**Marine Biology.** Join Allison Rourke, popular 8th grade science teacher at Marblehead’s Middle School as she explores our coastal New England waters, its organisms and effect on our environment. Field trips will be part of this unique learning experience. (Ages 11-14)

**The Good Earth.** Our earth feeds us and in many wonderful ways, as you will find as you create and cook yummy, nutritious food with Jo Hosker. A field trip to the local farmers’ market to buy ingredients will be part of the week. Learn how to return to the earth the gifts it gives us; feed the earth, plant, and grow in ways that benefit the environment. (Ages 7-14)

## Week 4: July 28-August 1

**Acting for YoungSTARS!** Theater games, Warm-up activities, Improvisation, and On-stage experience! Learn acting basics – learn to love the stage, to have fun in a week filled with drama. Back by popular demand, Jape Payette, an actor, theater coach, and veteran Summer of Discovery teacher, will lead this course. (Ages 7-10)

**Web Page Design/Photography.** Create your own web pages and learn how to use PowerPoint, Excel, and digital photography to enhance them. Work with your class to link your pages with the World Wide Web. (Ages 11-14)

**Digital Photography.** Learn the basics of digital photography, composition, lighting, depth of field, and how to use digital

settings. Discover the basics of using a computer to process your digital photos. If you own a digital camera, bring it along. (Ages 7-14)

## Week 5: August 4-8

**Oceanography.** Learn all about the ocean: life above, beside, and below the sea. Identify objects found on the beach, examine the life of the sea, take a look at the history of sea trade, and even take a crack at building your own model boats and trying them out for a (small) sail. (Ages 7-10)

**Acting for YoungSTARS!**  
*See description, week 4. (Ages 11-14)*

**Sing, Dance, Play.** Explore the rich traditions of song and dance from a wide range of cultures, North America, Europe, Africa, and beyond. Sing, dance your heart out, and experiment with creating your own movement to familiar songs. Have fun with your class community and with your instructor, Caitlin Miele. Previous experience is not required! (Ages 7-14)

## Week 6: August 11-15

**Trash to Treasure.** Imagine the fun and interesting things you can make with stuff you find around the house, in the yard, on our campus, or on a field trip to the beach. What will you make? Create your own 3-dimensional artworks from recyclable materials. Share your creations with your classmates and write poems or stories about your work and class experiences. (Ages 7-10)

**Animal Care.** Care for animals. Learn basic care for animals with Essex Agricultural High School’s animal science instructor, Leandra Abdella, and become more aware of the ways in which they return our care. Learn how to approach, safely handle, and provide care for several different types of animals. Animals visiting the Lynn campus and fieldtrips will be included in learning about the care of animals around us. (Ages 11-14)

**Learn Spanish Through Art and Poetry.** Learn Spanish vocabulary by engaging in the visual arts and poetry. Produce and analyze works of art and poetry designed to represent your identity and your individual interests. Through the processes of creating and exploring your unique perspective, you will use the Spanish language skills and expressive tools learned through this course to describe and reflect on your experiences and the elements of your work and the work of your classmates.

**Contact Trish Walker at 978-236-1232 or email  
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