

# Natick Summer Academics 2009

Enrichment Programs for grades K-8  
After School Program and Community Service Opportunities  
June 29 - July 31\*

Supplemental/Remedial Programs  
for Middle and High School students  
July 1 - August 5\*



**NEW &  
UPDATED  
Enrichment  
Classes**



**NATICK  
HIGH  
Introduces  
Nova  
Net**

\*no classes or programs on Friday, July 3

# Enrichment Programs

Monday, June 29 to Friday, July 31

at  
Natick High School  
15 West Street  
Natick, MA 01760

508-647-6400 x3599  
(voice mail before 6/29/09)

508-647-6400 x1640  
(as of 6/29/09)

***registration form is on the back of front cover***

## **Please indicate a second choice when you complete the registration form.**

If your first choice is full or cancelled the student will be placed in the second choice course. You will be contacted only if there is a problem. Classes will be scheduled on a first come first served basis and are determined by enrollment.

### **NO CONFIRMATIONS ARE MAILED**

The enrichment classes for elementary and middle school students are designed as survey courses. Each course focuses on a particular discipline with weekly concentrations of thematic and specific topics. The courses offer hands-on activities in which children will be encouraged to develop their creativity by exploring the “whys” and “hows” of different subject areas with the guidance of supportive, experienced faculty. The classes are self-paced discovery programs that will expose students to new ways of thinking and learning through experiences that are fun, stimulating, and challenging. Courses such as culinary arts, marbles, and physical fitness clinics are heterogeneous. Other courses are offered by grade levels that respond to students’ interests. All levels offer age appropriate materials and age suitable levels of instruction.

### **After Summer School Program**

This optional afternoon program is sponsored by NSA for students in grades K-8. The program provides recreational opportunities for children from 12:30 PM until 5:30 PM. The program offers arts and crafts, movies, outdoor games, access to the computer lab, picnics, and daily visits to Memorial Beach. Students will need a Memorial Beach tag, lunch and snacks, a swimsuit and towel. Parents should plan on picking up their children promptly at 5:30 PM at Memorial Beach each afternoon. (Use registration form inside front cover.)

### **Community Service Opportunities**

NSA offers opportunities for students who are currently in grades 9-12 to spend two or more weeks working in the enrichment program. This volunteer work can be used to fulfill community service requirements for high school graduation. Applications are available through guidance at the high school and the middle schools. Forward your application to: Kari-Ann Darragh; Natick Summer Academics, 15 West Street, Natick, MA. 01760.

### **TUITION\***

#### **Enrichment Program number of classes**

		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
week 1	June 29 - July 2	\$32	64	96	128	(4 day week)
week 2	July 6 - July 10	\$40	80	120	160	
week 3	July 13 - July 17	\$40	80	120	160	
week 4	July 20 - July 24		\$40	80	120	160
week 5	July 27 - July 31	\$40	80	120	160	

**After school program:** Cost: \$35.00 per day

**\*Non-residents add \$5.00 to registration fee.**

# Enrichment Program Course Offerings

Natick Summer Academics is designed to enhance the educational experiences of youth by providing enrichment, supplemental and remedial programs in various academic disciplines. Natick Summer Academics is a self-supporting program open to all students without regard to sex, race, religion, color, or national origin. Classes not having 8 or more students will be subject to cancellation. Transportation and lunch are not provided. **No refunds are issued after the first week of classes**

**Baby-sitting** Grades 5-8 This course will be offered weeks 4 and 5 only during Period 4. Each week constitutes a complete program. Topics covered will include basic first-aid and safety, care of infants, and understanding and entertaining young children.

**Build It!** Grades K-4 Inventors and dreamers use Legos and Kinex and let your ideas become reality with the power of your imagination.

**Culinary Arts** All grades Cook and sample cuisine from all over the world. Learn about the staple diet of different cultures. Emphasis on well-balanced meals and proper nutrition. Students will prepare appetizers, soups, salads, main dishes and desserts. All children will participate in the preparation of the meal and enjoy the finished products. Please, no food allergies!!

week 1	week 2	week 3	week 4	week 5
American as apple pie	Mexican	Italian	Where in the World?	Desserts

**Coach's Clinic** Grades 4-8 Join Coach Fam! Each week students focus on fundamental skills in one sport. Groups will be formed according to age and ability. Instruction will be small group and individual in a no pressure, noncompetitive atmosphere.

week 1	week 2	week 3	week 4	week 5
Basketball	Soccer	Street hockey	Flag football	Baseball/softball

**Fantasy Fun: Harry Potter** Grades 4 and up. We will join Harry Potter again this summer and follow him and his friends on their exciting adventures. Games, activities, and crafts each week. Enjoy this course even if you haven't read all the books!

week 1	week 2	week 3	week 4	week 5
Harry Potter books 1-2	Harry Potter books 3-4	Harry Potter books 5-6	Harry Potter books 7	No class available

**Game Masters** Grades 4-8 Long before video games there were board games. Our hands moved playing pieces, not a mouse. Never played a board game? Or tired of the same old board games? Learn to play and design your own board game. Each week a new game, a new game YOU design.

**If I Ran the Zoo** Grades K-4 Be your own zookeeper. Each week discover the habits and habitats of amazing animals. Join us for this unusual multimedia and hands-on look at animals.

week 1	week 2	week 3	week 4	week 5
Aquatic life	Scaly and Slimy	Mammals	To fly or not to fly?	Insects

**Kidkrafts** Tap your talents to create beautiful and useful objects. Crafts are adapted to ages groups and student interest. (Bring a white T shirt for Stamp'in Up.)

Grades K-4:

week 1	week 2	week 3	week 4	week 5
Make Your Own Books	Red, White and Glue	Make Your Own Paper & String Art	Greeting cards & Paperkraft	Foamie Fun

Grades 5-8:

week 1	week 2	week 3	week 4	week 5
Make Your Own Books Pop, Flip, & More	Glass/Etching Fun	Embossing Papermaking & String Art	Paperkraft & Greeting cards	Foam Fun

**Mad Science** Grades 4-8 Become your very own “Mad Scientist!!” Join this class with updated experiments. Learn scientific skills of observing, predicting, experimenting, and concluding. Each week offers a series of hands-on science activities using common household items.

**Magic Carpet** Grades K-3 Let stories be your passport to adventures around the world. Visit a different culture each week through folk tales, fairy tales and cultural activities. Children will enjoy stories, music, video, and make crafts that reinforce elements of literacy.

week 1	week 2	week 3	week 4	week 5
USA	Europe	Asia	Antarctica	Africa

**Middle School Book Club** Grades 4-8 Enjoy summer reading in a comfortable atmosphere. Read the required summer reading books for grades 5-8 independently or with fellow students. Practice reading strategies and discuss literary elements. Come with your book each day.

**Can You Dig It?** Grades 3-6 Discover lost civilizations and learn what real archaeologists do to find artifacts. We’ll do a simulated dig using the tools and methods that archaeologists use today. In addition to creating your own clay artifact for you to keep, we’ll learn how to decipher lost texts, uncover the origins of the first writing systems, and write the way ancient people did using their own symbols.

**ISpy** Grades K-6 Do you have what it takes to crack the case? Learn the ins and outs of being an undercover detective as we solve a real mystery. You’ll learn secret spy techniques such as writing with invisible ink, identifying fingerprints, and cracking codes. You’ll also come up with your own secret identity, secret hand signal, and build your own spy kit to solve future mysteries.

**Once Upon a Story** Grades K-3 Our favorite storybook heroes like the faithful Horton, buddies Frog and Toad, the perennial summer friend Sal bring a special joy to children’s literature. Each week will focus on a theme: family, friendship, nature, being brave, being yourself. Children will read and listen to stories and engage in activities and crafts that reinforce elements of literacy.

**Onomy-Ology** Grades 2-6 Join this class and explore different and exciting branches of science each week. Discover and experiment with scientific principles through hands-on activities.

week 1	week 2	week 3	week 4	week 5
Volcanology	Astronomy	Paleontology	Technology	Gross Anatomy

**Pondology (The Hidden Life of a Pond)** Grades K-6 Join the longest running course at NSA. Learn about the complex life cycle of our own Dug Pond. Watch the development of the mosquito and the frog. Observe the activities of predators as diverse as the heron, water bug, and star-nosed mole. Study varied pond vegetation including algae, cattails, and water lilies. Capture and identify fish, salamanders, bugs, newts, dragonflies, and crayfish. Become acquainted with the many life forms that inhabit this local swimming hole. This class goes outside everyday so dress appropriately.

week 1	week 2	week 3	week 4	week 5
Birds	Fish, frogs & turtles	Insects	Bugs & microorganisms	Life cycle

**Ready, Set, GO!** Grades K-5 Small group and individual sports and games in a no pressure, noncompetitive atmosphere. Groups will be formed according to age and ability. Each week students focus on fundamental skills in one sport.

week 1	week 2	week 3	week 4	week 5
Field Day Games	NSA Pentathlon (Track & Field Events)	Fitness/Dance	Outdoor games (Capture the Flag, Ultimate Frisbee etc.)	Fitness/Dance

**Studio Art** Grades K-4

week 1	week 2	week 3	week 4	week 5
Paint With WHAT?	Let’s Draw	Animal Masks	Make Your Own beads & jewelry	Rubbings & Nature art

**Studio Art** Grades 5-8

week 1 Pop Up Art (Art in 3 dimensions)	week 2 Portraits/Caricatures (bring a picture)	week 3 Paper masks in 3-D	week 4 Clay Make Your Own Beads & Jewelry	week 5 Potpourri a little bit of everything
---	--	---------------------------------	--	---

**Extra! Extra! Write All About It** Grades 4-6 Do you have piles of stories, poems, essays, or comics that just end up collecting dust somewhere? Have you always wanted to write but didn't know how to get started? Bring your talents and ideas to the table as we work together to publish our own magazine. You get to help choose the topic, the name, design the cover, and fill the pages with some of your best work yet. In the end, you'll leave with your very own bound copy to impress your friends and family.

schedule of classes

<b>PERIOD 1</b>	<b>8:00 - 9:00</b>	<b>PERIOD 2</b>	<b>9:05 - 10:05</b>
Kidkrafts Mad Science Middle School Book Club Pondology	grades K-4 grades 4-8 grades 4-7 grades K-6	Culinary Arts Games MAster Kidkrafts Magic Carpet Onomy-Ology Pondology Ready, Set, GO! i spy	all grades grades 3-6 grades 5-8 grades K-3 grades 2-6 grades K-6 grades K-5 grades K-6

BREAK 10:05 - 10:15 snacks available for purchase

<b>PERIOD 3</b>	<b>10:15 - 11:15</b>	<b>PERIOD 4</b>	<b>11:20 - 12:20</b>
Culinary Arts COACH's Clinic Build It If I ran the zoo Pondology Studio Art Ready, Set, GO!	all grades grades 4-8 grades K-4 grades K-4 grades K-6 grades 5-8 grades K-5	Culinary Arts COACH'S Clinic Fantasy Fun Can you dig it? Once Upon a Story Ready, Set, GO! Studio Art extra! extra!  Babysitting (weeks 4 & 5 only)	all grades grades 4-8 grades 4-8 grades 3-6 grades K-3 grades K-5 grades K-4 grades 4-6  grades 5-8

## Natick Summer Academics **Enrichment Program** Registration Form 2009

Participant's name \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_ Date of birth \_\_\_\_\_  
 Address \_\_\_\_\_ Town \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_  
 Current School \_\_\_\_\_ Entering grade \_\_\_\_\_  
 Father's name \_\_\_\_\_ Work phone \_\_\_\_\_ Cell \_\_\_\_\_  
 Mother's name \_\_\_\_\_ Work phone \_\_\_\_\_ Cell \_\_\_\_\_  
 Emergency contact \_\_\_\_\_ Telephone \_\_\_\_\_

**Medical information and allergies** \_\_\_\_\_

I hereby pledge for myself, my heirs, executors, or administrators to waive and release all rights and claims for damages I may have against the agency. I also release the organization's agents, assigns, or officials for all injuries suffered by my child.  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

**Emergency information**

Should my child be taken to the hospital for emergency purposes, I hereby grant permission to the attending physician and staff to treat PARTICIPANT'S NAME \_\_\_\_\_ for anesthesia, medical, x-ray, and surgical procedures as may be deemed necessary or advisable. I understand in an emergency, whenever possible, an attempt will be made to communicate with me prior to the use of this permission.

Insurance company \_\_\_\_\_ Number \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

**Use the chart below to to schedule your child. Be sure to include a second choice.**

period	week 1	week 2	week 3	week 4	week 5
8:00 to 9:00	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____
9:05 to 10:05	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____
<b>Relaxation 10:05 to 10:15</b>					
10:15 to 11:15	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____
11:20 to 12:20	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____	First Choice _____ Second Choice _____

**AFTER SCHOOL PROGRAM** (Please check week/s): **After School Program Single days:** List dates

week 1 June 29- July 2	_____	
week 2 July 6 - July 10	_____	
week 3 July 13 - July 17	_____	
week 4 July 20-July 24	_____	
week 5 July 27- July 31	_____	

**Enrichment program tuition** \$ \_\_\_\_\_ (Cost:\$40.00 per class)

**After school program tuition** \$ \_\_\_\_\_ (Cost: \$35.00 per day)

**Non-resident registration fee** \$ \_\_\_\_\_

Please make checks payable to: Natick Summer Academics  
**SUPPLEMENTAL AND REMEDIAL COURSES**

**Wednesday, July 1 to Wednesday, August 5, 2009**

**use registration form on last page**

The supplemental and remedial programs provide middle school and high school students with the opportunity to improve a grade or receive credit for an approved supplemental course. The credit course offerings are available for **one semester of credit**. They are recommended for students who have failed a course or who wish to review a course to improve a grade. All student credit course offerings require guidance approval. **Classes not having 8 or more students are subject to cancellation.**

**ATTENDANCE IS MANDATORY!**

Attendance in these classes is necessary to the overall academic development of the student. Students and their families should make their summer plans accordingly. In extenuating matters, the attendance committee (consisting of the director, the student's teacher, and a permanent member of the teaching staff) shall review the circumstances surrounding the absences and make a credit or noncredit determination. **No tuition will be refunded if the student is dropped or failed because of absence. No refunds are issued after the first week of classes.**

**Middle School Language Arts                      Grades 5-8                      Room A-168                      Period 2**

This course satisfies the English requirement for middle school language arts. The curriculum provides a general review course. Approaches to reading in the content areas, a variety of literary genres are explored, vocabulary acquisition, writing mechanics and composition skills are reviewed and reinforced.

**English                      Grades 9 & 10                      Rooms A-166                      Period 1**

This course satisfies the English requirement for the 9th and 10th grade. Key curricula are combined to form a general review course. The focus is on approaches to reading and responding to grade level literature to improve writing skills as well as a general review of grammar.

**English                      Grades 11 & 12                      Room A-166                      Period 2**

This course satisfies the English requirement for 11th and 12th grade. Key elements of eleventh and twelfth grade curricula are combined to form a general review course. The focus is on approaches to reading and responding to grade level literature to improve writing skills.

**Middle School Math                      Grades 5-8                      Room A-159                      Period 1**

This course is designed as a general math review course covering computational skills, fractions, decimals, percents, ratios, proportions, formulas, word problems, graphing, and some Pre-Algebra topics. This course emphasizes knowledge of the number system, graphing, and basic equation solving

**Algebra I                      Room A-156                      Period 2**

This course covers Algebra I including order of operations, variables, equations, inequalities, factoring, polynomials, linear and quadratic functions and relations, graphs, and systems of equations involving rational and irrational numbers. The goal of this course is to give students a solid knowledge of Algebra and its applications in the solution of problems.

**Algebra II                      Room A-156                      Period 1**

This course begins with a review of properties and operations with the real number system, including extensive work with rational expressions and equations. The majority of course material covers quadratics, including use of the quadratic formula, irrationals, radical equations, and systems of quadratic and linear intersections. Equal time is spent developing computational and problem solving skills.

**Geometry****Room A-161****Period 2**

This course covers fundamental geometry concepts including an emphasis on the essential principles of logic and the role they play in the inductive and deductive process. The students become acquainted with creating proofs based on theorems, postulates, and basic definitions. They also study angles, triangles, quadrilaterals, perpendicularity, and parallelism.

**U.S. History****Room A-154****Period 1**

This course satisfies the first semester U.S. History requirement including American history from the late 19th century, to the emergence of the United States as a world power. The course strives to introduce students to the American tradition and to have students think critically about historical events and controversial issues.

**World History I and II****Room A-154****Period 2**

This course satisfies a semester of the World History requirement. It is a general survey course which emphasizes the development of world societies from the beginning of ancient civilizations to the rise of classical civilizations. The course focuses on the ideas, concepts, and historical development of western cultures as well as the relevancy of the past to the present.

**Physics****Room TBA****Period 1**

This course offers students an opportunity to earn one semester credit for this science requirement. The course is designed review key concepts.

**Advanced registration by mail is encouraged. \***

**Registration form is on last page.**

**However, you may register in person at Natick High School on June 29, 30 or July 1**

**Room A-140 at Natick High School from 8:30 AM to 1:00 PM.**

**Natick Summer Academics Supplemental/Remedial  
2009 Registration Form  
Grades 5 - 12**

*please print*

Participant's name \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_ Date of birth \_\_\_\_\_

Address \_\_\_\_\_ Town \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Current School \_\_\_\_\_ Grade \_\_\_\_\_ YOG \_\_\_\_\_

**If you are not a student in the Natick Public Schools please give the name and address of the school to which your final grade(s) should be sent.**

\_\_\_\_\_  
\_\_\_\_\_

Father's name \_\_\_\_\_ Work phone \_\_\_\_\_ Cell \_\_\_\_\_

Mother's name \_\_\_\_\_ Work phone \_\_\_\_\_ Cell \_\_\_\_\_

Emergency contact \_\_\_\_\_ Telephone \_\_\_\_\_

**Medical information and allergies**

I hereby pledge for myself, my heirs, executors, or administrators to waive and release all rights and claims for damages I may have against the agency. I also release the organization's agents, assigns, or officials for all injuries suffered by my child.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Emergency information**

Should my child be taken to the hospital for emergency purposes, I hereby grant permission to the attending physician and staff to treat PARTICIPANT'S NAME \_\_\_\_\_ for anesthesia, medical, x-ray, and surgical procedures as may be deemed necessary or advisable. I understand in an emergency, whenever possible, an attempt will be made to communicate with me prior to the use of this permission.

Insurance company \_\_\_\_\_ Number \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Course selection**

**Supplemental/Remedial classes begin Wednesday, July 1st**

Period 1 (7:30 AM -10:00 AM): course name \_\_\_\_\_

Period 2 (10:00 AM - 12:30 PM): course name \_\_\_\_\_

tuition: \$210.00 per course                      amount of check enclosed \$ \_\_\_\_\_

**Please make checks payable to: Natick Summer Academics**

mail to: Natick Summer Academics  
Natick High School  
15 West Street  
Natick, MA 01760

**Register by mail or register in person after June 29** at Natick High School Room A-140. Natick Summer Academics is a self-supporting program. Courses not having 8 or more students are subject to cancellation. Transportation is not furnished. No refunds will be issued after the first week of classes.