



summer explorations

Needham Community Education



Summer Explorations 2020

Join us for some summer fun this July!

The Needham Community Education Summer Explorations program offers students entering grades 1–9 more than 90 exciting week long, morning, afternoon and full-day enrichment classes during the first four weeks of July. There are classes in science, robotics, coding, engineering, history, sports, fitness, cooking, baking, performing arts, fine arts, crafts and more to appeal to the inquisitive, active, and creative child!

The relaxed and fun setting of Summer Explorations provides an excellent opportunity for children to develop new skills, explore new interests and make new friends!

Program dates:

Week 1: June 29–July 2

Week 2: July 6–10

Week 3: July 13–17

Week 4: July 20–24

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Important Registration Information

Registration begins at 7:00am on Thursday, March 12th.

Registrations will be taken online* through School Pay:

<https://www.schoolpay.com/link/SE20>

** Scholarship registrations cannot be taken online. Please contact NCE Registration Manager, Jill Ash, for assistance with enrolling your child at: 781-455-0400 x5 or jill_ash@needham.k12.ma.us.*

SchoolPay: Please note that you will NOT be able to use your child's Nutrition Services SchoolPay account to register and/or pay for NCE classes. Instead, please use the direct link to the NCE Elementary registration page on SchoolPay, provided above, where you will then be prompted to complete all required information and checkout (*without using your child's student account*). We apologize for this inconvenience, but the student accounts do not enable NCE to capture all of the information we need for each student.

Please note that many classes fill quickly. Registrations are taken on a first-come, first-served basis. Register early to avoid being closed out.

Wait List: If you would like to add your child to a wait list for a full class, please email NCE Registration Manager, Jill Ash, at jill_ash@needham.k12.ma.us. Include the class name, class week and time, your child's name and your phone number. If a spot becomes available, you will be contacted right away.

Confirmations: Upon registration, you will receive a confirmation email from School Pay. Your child is confirmed in the class upon receipt. If you don't receive your receipt, please check your SPAM folder. NCE will be happy to assist if the receipt cannot be located.

Scholarship assistance is available. Students who qualify for free or reduced lunch are invited to take up to two half-day classes or one full-day class during Summer Explorations at a reduced rate. Scholarship registrations cannot be taken online. Please contact NCE Registration Manager, Jill Ash, for assistance with enrolling your child: 781-455-0400 x5 or jill_ash@needham.k12.ma.us.

Registration closes two weeks prior to the start of each week of programming.

Refund Policy:

Withdrawals (minus a \$30 processing fee) will be accepted until May 1, 2020. Refunds will be made by check from the Town of Needham, and may take up to three weeks in the mail.

No refunds or credits will be issued after May 1, 2020.

Minimum Enrollment Policy:

If the minimum number of students required for a class is not met, the class will be canceled. Parents of all registrants in canceled classes will be notified by or before June 3, and every effort will be made to place the child in another class of their choice. Tuition will be refunded if the class is canceled by NCE. Refunds will be made by check from the Town of Needham, and may take up to 3 weeks to arrive by mail.



Needham Public Schools

Superintendent

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Needham Community Education

Needham Community Education (NCE) is a self-supporting branch of the Needham Public Schools. Each year, NCE provides over 500 different enrichment programs to over 6,000 participants including Needham's elementary, middle, and high school students, as well as adults living and working in Needham and surrounding communities. NCE is committed to delivering quality lifelong learning experiences for all.

Needham Non-Discrimination Policy

The Needham Public Schools do not discriminate on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, active military/veteran status, ancestry, genetic information or national or ethnic origin in the administration of its educational policies, and other administered programs and activities. In addition, students who are homeless or of limited English-speaking ability are protected from discrimination in accessing the course of study and other opportunities available through schools.

Contact Information:

School Administration Building, 1st Floor
1330 Highland Avenue, Needham, MA 02492

Phone: 781-455-0400 x5

Fax: 781-455-0417

Web: www.needham.k12.ma.us/community_ed

Office Hours: 8:00am–4:00pm, Monday–Friday



Summer Explorations 2020 // Important Information

Grade Ranges:

Grade ranges represent the grade the child will be entering in the fall of 2020.

Program Locations:

Broadmeadow Elementary School will have classes for rising grades 1–5 and Needham High School will have classes for rising grades 3–9. Our “Inside Look at the Medical Profession” program will be held at Beth Israel Deaconess Hospital–Needham.

No Transportation:

No transportation is provided to or from Summer Explorations or between Summer Explorations locations.

Supervised Lunch:

Students enrolled in both a morning and an afternoon session, or a full-day session, will enjoy a supervised lunch in the Broadmeadow or Needham High cafeteria. Lunches must be brought from home.

Snacks:

Students are encouraged to bring a water bottle and a **nut-free snack** to enjoy during break time in their class(es).

Non-Residents:

Non-residents are welcome to participate.

Summer Explorations is open to all students:

Are there special considerations we should know about so that your child will have a positive experience in the program? If so, please list them in the designated areas of the online registration form.

For Students with IEPs or 504 plans:

Summer Explorations staff members have no access to IEPs or 504 plans. Please provide any relevant information when registering your child. Or, after registering, email Summer Explorations Program Director, Carolyn Colonna, to provide relevant information about your child so we can ensure that they will have a great experience!

carolyn_colonna@needham.k12.ma.us

Allergy / Medical Considerations:

The Summer Explorations Nurse will review all Summer Explorations registrations on which special medical/allergy concerns are indicated, and will coordinate medical arrangements. **If your child will require direct medical or support services, please register your child prior to April 15 to enable ample time to coordinate the required services.**

EpiPens: please provide the following:

- EpiPen, in the original box, with the script label on it (the training EpiPen should be removed)
- Emergency Allergy Action Plan
- Please put these items into a zip top bag labeled with your child's name the class(es) they will be attending.

Please note that NCE staff CANNOT administer EpiPens that are not accompanied by the script label and Emergency Action Plan. If these items are not provided, staff will call 911 in the event of an apparent allergic reaction.

Behavior Policy:

We expect our students to follow their teacher's instructions and to treat each other and staff with respect. If your child does not meet these expectations we will communicate with you to discuss the behavior. If your child's behavior does not improve, we will ask you to withdraw your child from the class and no refund will be given. If your child exhibits threatening behavior toward others in the class, they will be withdrawn immediately and no refund will be given. All school policies outlined in the school Student Handbook apply to NCE Summer Explorations classes.

Absences:

If your child will be absent, please call the NCE Office **before 8:30am** at: 781-455-0400 x5.

Arrival:

There will be no adult supervision until 15 minutes prior to the start of classes. At our Broadmeadow location students will gather in the gym (please enter through the doors nearest the gym, accessible from the lower parking lot)

and at our Needham High location students will gather in the cafeteria (please enter through the doors nearest the cafeteria on the Webster Street side of the building). Summer Explorations staff will supervise the children until the instructors arrive to take attendance and escort the students to their classrooms.

Curbside dropoff is available at both locations. At Broadmeadow, Summer Explorations High School Volunteers are available to escort our younger participants into the building.

Dismissal:

The Summer Explorations OnSite Coordinator will dismiss children from the gym at our Broadmeadow location (please enter through the doors nearest the gym, accessible from the lower parking lot) and from the cafeteria at our Needham High location (please enter through the doors nearest the cafeteria on the Webster Street side of the building).

Prompt Pick-up:

For safety reasons, students must be picked up promptly at dismissal time. If you are delayed, there is a 5-minute grace period before late charges begin. Delays beyond 5 minutes will result in a charge of \$4.00/each additional 5-minute period that the OnSite Coordinator remains with your child. NCE will bill you for the charges.

More detailed instructions regarding drop-off and pick-up will be emailed a week prior to the start of each program week.

Contact Us:

If you have questions regarding our programs, please contact:

Carolyn Colonna,
Summer Explorations Program Director
781-455-0400 x11223
carolyn_colonna@needham.k12.ma.us

If you have questions regarding registration, waitlist, payments or receipts, please contact:

Jill Ash, NCE Registration Manager
781-455-0400 x5
jill_ash@needham.k12.ma.us

Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Art and Science of Earth	Grades: 1–3	Stephanie Lill
LEGO Mania	Grades: 1–3	Vicky Neale
Messy Hands Art	Grades: 1–3	Ellen Porter
Games Galore	Grades: 1–5	Paula Kelly and Moore Dodge
Coding for Beginners	Grades: 2–4	Nicole Piatelli
Baseball: For the Love of the Game	Grades: 3–5	Steve Blomberg
Breakfast Club	Grades: 3–5	Elaine McKenna and Christine Shelley
Festive Fourth of July Art and Decorations	Grades: 3–5	Jennifer Maw

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Festive Fourth of July Art and Decorations	Grades: 1–3	Jennifer Maw
Coding for Beginners	Grades: 1–3	Nicole Piatelli
Sensational Scientists	Grades: 1–3	Ellen Porter and Tracy Gay
Basketball and More	Grades: 1–5	Moore Dodge and Paula Kelly
Breakfast Club	Grades: 3–5	Elaine McKenna and Christine Shelley
Paint Bar	Grades: 3–5	Emily Garron

Needham High School (morning) // 9:00am–12:00pm		Instructor(s)
Inspiring Artists	Grades: 3–5	Jennifer Priesing
Kitchen Science	Grades: 3–5	Caitlin Concannon and Kate Distaso
Team Challenges	Grades: 3–6	Kayla Caneja
Digital Art: Photoshop	Grades: 5–9	Nicole Burnor
Glass Art	Grades: 5–9	Michel L'Huillier
Patriotic Treats and Cupcake Decorating	Grades: 5–9	Karen Vona McIntyre and Joanne Sullivan
Brunch Bunch	Grades: 6–9	Jen Tuttelman
Mind, Body and Soul: Yoga and Mindfulness	Grades: 6–9	Sascha D'Angelo and Sam Martyn

Needham High School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Glass Art	Grades: 3–5	Michel L'Huillier
No Bake Baking: Red, White & Blue	Grades: 3–5	Caitlin Concannon and Kate Distaso
STEM Challenges: Build It, Float It, Launch It, Drop It	Grades: 3–5	Karen Vona McIntyre and Victoria Neale
Drawing from Life	Grades: 5–9	Nicole Burnor
Improv and Acting Workshop	Grades: 5–9	Kayla Caneja
Brunch Bunch	Grades: 6–9	Jen Tuttelman
STEM Challenges: Be An Engineer	Grades: 6–9	Jasmine Sanders

Needham High School (FULL DAY) // 9:00am–3:30pm		Instructor(s)
Virtual Reality Video Making	Grades: 5–9	Josh Yankell and Natalie Guthrie

Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Art Explorations I	Grades: 1–3	Damon Burnard
Crazy LEGO Contraptions	Grades: 1–3	Vicky Neale
Cool Jewelry	Grades: 1–3	Sarah Donovan
Kitchen Science	Grades: 1–3	Caitlin Concannon and Kate Distaso
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Planes, Trains and Automobiles	Grades: 1–3	Ellen Porter and Tracy Gay
Games Galore	Grades: 1–5	Paula Kelly and Moore Dodge
Baseball: For the Love of the Game	Grades: 3–5	Steve Blomberg
Let's Put on a Play	Grades: 3–5	Kristen Mazzocchi
Scrapbook Your Life	Grades: 3–5	Betsy Maxwell
STEM Challenges: Explore, Experiment & Engineer	Grades: 3–5	Elaine McKenna and Christine Shelley

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Frozen Adventures	Grades: 1–3	Tracy Gay and Ellen Porter
Sculpture Club	Grades: 1–3	Samantha Gonzalez
Snack Attack	Grades: 1–3	Caitlin Concannon and Kate Distaso
Star Wars	Grades: 1–3	Laurie Kraemer
Basketball and More	Grades: 1–5	Moore Dodge and Paula Kelly
Art Explorations I	Grades: 3–5	Damon Burnard
Baking for Beginners	Grades: 3–5	Elaine McKenna and Christine Shelley

Needham High School (morning) // 9:00am–12:00pm		Instructor(s)
Glass Art	Grades: 3–5	Michel L'Huilier
Go with the Flow: Yoga and Mindfulness	Grades: 3–5	Alice Ferguson
Let's Build: Harnessing the World's Energy	Grades: 3–5	Liz Lee
Make Your Own Dreamhouse	Grades: 3–6	Caitlin MacDonald and Jasmine Sanders
Improv and Acting Workshop	Grades: 4–6	Kayla Caneja
3D Art & Clay	Grades: 5–8	Jennifer Bates
Digital Art: Photoshop	Grades: 5–9	Nicole Burnor
STEM Challenges: Robotics	Grades: 5–9	Nicole Piatelli and Kelly Robinson
STEM Challenges: Rubik's Cube Mosaics	Grades: 5–9	Karen Vona McIntyre
Mind, Body and Soul: Fitness and Wellness	Grades: 6–9	Laura Marinak
Pockets, Pockets, Pockets (cooking class)	Grades: 6–9	Jen Tuttelman and Jeff Weinstein

Needham High School (afternoon) // 12:30pm–3:30pm		Instructor(s)
3D Art & Clay	Grades: 3–5	Jennifer Bates
Coding for Beginners	Grades: 3–5	Nicole Piatelli and Kelly Robinson
Crafternoon	Grades: 3–5	Jasmine Sanders and Caitlin MacDonald
Exploring the America Revolution	Grades: 4–6	Laura Marinak
Acts of Kindness	Grades: 5–9	Karen Vona McIntyre and Victoria Neale
Digital Art: Animation	Grades: 5–9	Nicole Burnor
Glass Art	Grades: 5–9	Michel L'Huilier
Pockets, Pockets, Pockets (cooking class)	Grades: 6–9	Jen Tuttelman and Jeff Weinstein
STEM Challenges: How Did the Romans Do It?	Grades: 6–9	Lauren Downey

Needham High School (FULL DAY) // 9:00am–3:30pm		Instructor(s)
Virtual Reality Video Making	Grades: 5–9	Josh Yankell and Natalie Guthrie

Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Across the Universe	Grades: 1–3	Julie Evans and Betty Ann Mulhern
Edible Art	Grades: 1–3	Sara Hill and Tracy Gay
LEGO Mania	Grades: 1–3	Vicky Neale
Let's Build: Water Engineering	Grades: 1–3	Liz Lee
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Superheros with a Twist	Grades: 1–3	Elizabeth Batchman
Games Galore	Grades: 1–5	Paula Kelly and Moore Dodge
Art Explorations I	Grades: 3–5	Damon Burnard
No Bake Baking: No Heat Treats	Grades: 3–5	Caitlin Concannon and Kate Distaso
STEM Challenges: Explore, Experiment & Engineer	Grades: 3–5	Elaine McKenna and Christine Shelley

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Art Explorations I	Grades: 1–3	Damon Burnard
Dynomite Dinos	Grades: 1–3	Sara Hill and Tracy Gay
Fairies and Sprites	Grades: 1–3	Ellen Porter
Kitchen Science	Grades: 1–3	Caitlin Concannon and Kate Distaso
Basketball and More	Grades: 1–5	Moore Dodge and Paula Kelly
Baking for Beginners	Grades: 3–5	Elaine McKenna and Christine Shelley
Sculpture Club	Grades: 3–5	Samantha Gonzalez

Broadmeadow School (FULL DAY) // 8:45am–3:15pm		Instructor(s)
Summer Theater Variety Show	Grades: 3–7	Kristen Mazzochi
Theater Set Design and Construction	Grades: 4–7	Sally Tomasetti

Needham High School (morning) // 9:00am–12:00pm		Instructor(s)
3D Art & Clay	Grades: 3–5	Jennifer Bates
Coding for Beginners	Grades: 3–5	Nicole Piatelli and Kelly Robinson
Duct Tape Creations	Grades: 3–5	Jennifer Priesing
A Week at Hogwarts	Grades: 3–6	Tracy Ahrens
Kids Can Cook	Grades: 5–7	Jennifer Murray and Caitlin MacDonald
Creative Writing: Fiction Fun	Grades: 5–8	Laura Sechovicz
Digital Art: Animation	Grades: 5–9	Nicole Burnor
Printmaking	Grades: 5–9	Anne Nydam
Magic The Gathering	Grades: 6–9	Cristian Marano
Mind, Body and Soul: Fitness and Wellness	Grades: 6–9	Laura Marinak

Needham High School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Go with the Flow: Yoga and Mindfulness	Grades: 3–5	Alice Ferguson
Paper Arts	Grades: 3–5	Jennifer Maw
Science of Bath Bombs	Grades: 3–6	Laura Sechovicz
Team Challenges	Grades: 3–6	Kayla Caneja
3D Art & Clay	Grades: 5–8	Jennifer Bates
Drawing from Life	Grades: 5–9	Nicole Burnor
Kids Can Cook	Grades: 5–9	Jennifer Murray and Caitlin MacDonald
STEM Challenges: Robotics	Grades: 5–9	Nicole Piatelli and Kelly Robinson
Dungeons and Dragons (2-week class Wks 3 & 4)	Grades: 6–9	Cristian Marano
Hamilton: The Musical	Grades: 6–9	Tracy Ahrens and Vicky Neale

Needham High School (FULL DAY) // 9:00am–3:30pm		Instructor(s)
iMovie	Grades: 5–9	Karen Vona McIntyre and Gabe Guerra

Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Across the Universe	Grades: 1–3	Julie Evans and Betty Ann Mulhern
American Girls: Past and Present	Grades: 1–3	Rosemary Calland and Theresa Levy
Art Explorations II	Grades: 1–3	Damon Burnard
Crazy LEGO Contraptions	Grades: 1–3	Vicky Neale
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Sensational Scientists	Grades: 1–3	Ellen Porter and Tracy Gay
Games Galore	Grades: 1–5	Paula Kelly and Moore Dodge
Intro to Cheerleading	Grades: 3–5	Kate MacPhee and Kayla Caneja
Let's Build: Connect, Electrify and Build	Grades: 3–5	Liz Lee
Paint Bar	Grades: 3–5	Emily Garron
Snack Attack	Grades: 3–5	Caitlin Concannon and Kate Distaso

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Art and Science of Earth	Grades: 1–3	Stephanie Lill
Paint Bar	Grades: 1–3	Emily Garron
Planes, Trains and Automobiles	Grades: 1–3	Ellen Porter
We Love Pets!	Grades: 1–3	Tracy Gay and Kayla Bedigan
Basketball and More	Grades: 1–5	Moore Dodge and Paula Kelly
Art Explorations II	Grades: 3–5	Damon Burnard
Gotta Dance	Grades: 3–5	Alexa LeGuyader
Passport to Cooking	Grades: 3–5	Caitlin Concannon and Kate Distaso

Needham High School (morning) // 9:00am–12:00pm		Instructor(s)
Design Your Own Board Game	Grades: 3–5	Tracy Ahrens
Inspiring Artists	Grades: 3–5	Jennifer Priesing
Make Your Own Dreamhouse	Grades: 3–6	Caitlin MacDonald and Jasmine Sanders
STEM Discoveries: Planetary Science	Grades: 5–7	Tamara Hosford Keough
Baking: Beyond the Basics	Grades: 5–9	Elaine McKenna and Christine Shelley
Mixed Media Art	Grades: 5–9	Meredith Hopkins
Bullet Journaling	Grades: 6–9	Liz Hitron and Judy Matterazzo
Magic The Gathering	Grades: 6–9	Cristian Marano
Speech & Debate	Grades: 6–9	Paul Wexler

Needham High School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Mixed Media Art	Grades: 3–5	Meredith Hopkins
A Week at Hogwarts	Grades: 3–6	Tracy Ahrens
Cupcake Decorating	Grades: 3–6	Alyssa Weisenfeld and Elizabeth Bianchi
STEM Challenges: Engineering Bridges	Grades: 4–6	Tamara Hosford Keough
Improv and Acting Workshop	Grades: 5–9	Kate MacPhee and Kayla Caneja
Printmaking	Grades: 5–9	Anne Nydam
Dungeons and Dragons (2-week class Wks 3 & 4)	Grades: 6–9	Cristian Marano
STEM Challenges: Be An Engineer	Grades: 6–9	Jasmine Sanders
Baking Wars	Grades: 7–9	Elaine McKenna and Christine Shelley

Needham High School (FULL DAY) // 9:00am–3:30pm		Instructor(s)
iMovie	Grades: 5–9	Karen Vona McIntyre and Gabe Guerra
Making Masterpieces (art class)	Grades: 6–9	Jennifer Maw

Beth Israel Deaconess Hospital–Needham (morning) // 9:00am–12:00pm		
Inside Look at the Medical Profession	Grades: 6–9	Laura Sechovicz

Class Descriptions



Allergy Alert: In classes that are labelled with an allergy alert, children will be eating and/or working with food (including popular allergens such as wheat, dairy, soy, sesame and eggs). No nuts are used in our recipes or projects, however, recipe ingredients and project materials may have been produced in a facility that also processes nuts. Please alert us to any food allergies when registering.

3D Art & Clay

Instructor(s): Jennie Bates, Sunita Williams Art Teacher

Come experience the broad range of techniques for making beautiful hand-built creations from clay, fiber, wire and other three dimensional materials. We will use hand building techniques, including pinch, coil, and slab, to create self-drying clay pieces. We will also create fiber art (weaving), wire sculptures and other exciting projects!

Limited to 12 students.

Location: Needham High School

Grades: 5–8	Wk 2: July 6–10	9:00am–12:00pm	\$239
Grades: 3–5	Wk 2: July 6–10	12:30–3:30pm	\$239
Grades: 3–5	Wk 3: July 13–17	9:00am–12:00pm	\$239
Grades: 5–8	Wk 3: July 13–17	12:30–3:30pm	\$239

A Week at Hogwarts

Instructor(s): Tracy Ahrens, Broadmeadow Teaching Assistant

Students will be magically transported to the fictional Hogwarts School of Witchcraft and Wizardry for a week of games, crafts, trivia, writing activities, “potions” experiments, drama games, stories and more! Harry Potter experts, Fantastic Beasts fanatics, and new fans to the magical world of Harry Potter will all love this week of magic, creativity, and competition!

Limited to 12 students.

Location: Needham High School

Grades: 3–6	Wk 3: July 13–17	9:00am–12:00pm	\$214
Grades: 3–6	Wk 4: July 20–24	12:30–3:30pm	\$214

Across the Universe

Instructor(s): Julie Evans, Newman 2nd Grade Teaching Assistant and Betty Ann Mulhern, Newman Office Assistant

A little astronomy, a little science and a lot of Imagination! Learn astronomy facts and explore folktales and myths about our solar system and constellations. We will make star gazers, create new planets, design our own rocket ships and invent other out of this world creations.

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 3: July 13–17	8:45–11:45am	\$239
Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$239

Acts of Kindness

Instructor(s): Karen Vona McIntyre, NHS Media Program Specialist and Vicky Neale, High Rock Teaching Assistant

*** NEW *** Join this class to show kindness to our community. Set up a food drive to collect for the Needham Community Council, paint kindness rocks to place around town, make greeting cards for people who deserve our appreciation and those who need their spirits lifted, create pet toys for a local animal shelter and more! We will spread kindness and joy to the Needham Community and beyond, and we will inspire others to be kind and compassionate to one another.

*** Note:** Rising 8th graders can earn their community service hours by joining this class.

*** Allergy Alert:** Children will be offered juice-based and fruit-flavored Popsicles during this class. Please alert us to any food allergies when registering.

Limited to 14 students.

Location: Needham High School

Grades: 5–9	Wk 2: July 6–10	12:30–3:30pm	\$214
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American Girls: Past and Present

Instructor(s): Rosemary Calland, NHS Social Studies Teacher and Theresa Levy, NHS Social Studies Teacher

American Girl dolls make history come alive through stories, arts and crafts, and imaginative play! Each day our class will feature an era of American history and explore how life at that time was different and similar to ours today. Bring your American Girl or other 18” doll to class each day to join the fun!

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$214
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**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

<http://needham.schoolpay.com/link/SE20>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x5.*

Art and Science of Earth

Instructor(s): Stephanie Lill, Pollard Teaching Assistant

*** NEW *** Each day you will have the opportunity to explore a different topic: Earth, Weather, the Solar System, Animals, and Plants. Learn about the Earth's layers, the order of the plants, animal habitats, the life of a plant, types of weather, the seasons and more. Create refrigerator magnets that can be used to track the weather and seasons, mold the Earth's layers out of Play-Doh, build a rocket to the moon, craft a lion mask, and paint flower pots. Join us to explore the intersection of art and science in this exciting new class!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 1: June 29–July 2	8:45–11:45am	\$194
Grades: 1–3	Wk 4: July 20–24	12:15–3:15pm	\$239

Art Explorations I

Instructor(s): Damon Burnard, NHS Visual Arts Teacher (former Art Teacher at Broadmeadow), Published cartoonist, children's book writer and illustrator

Art Explorations is a fun-filled, art-tastic opportunity for young artists—and engineers—to explore a variety of materials, tools, and techniques. Students will create an amazing array of two- and three-dimensional artworks fueled by their own imaginations in this perennially popular class! Example projects may include (but are not limited to): working with clay, creating pop-up books and kaleidoscopes, making prints with rollers, ink, and sunlight, painting on paper and 3D surfaces, building plaster sculptures and paper construction amusement park for pom-poms, making simple weavings, sewing soft sculptures, and assembling collages and puppets.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	8:45–11:45am	\$239
Grades: 3–5	Wk 2: July 6–10	12:15–3:15pm	\$239
Grades: 3–5	Wk 3: July 13–17	8:45–11:45am	\$239
Grades: 1–3	Wk 3: July 13–17	12:15–3:15pm	\$239

Art Explorations II

Instructor(s): Damon Burnard, NHS Visual Arts Teacher (former Art Teacher at Broadmeadow), Published cartoonist, children's book writer and illustrator

*** NEW *** Join us for more Art Explorations fun and creativity! Young artists—and engineers—will explore a variety of materials, tools, and techniques as we create an all new array of two- and three-dimensional artworks. **Double your fun and enroll in both Art Explorations I and II—projects, challenges and experiences will be different in each class. New students are also welcome—participation in Art Explorations I is not required to enjoy Art Explorations II.**

Limited to 10 students.

Art Explorations II continued...

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$239
Grades: 3–5	Wk 4: July 20–24	12:15–3:15pm	\$239

Baking for Beginners

Instructor(s): Elaine McKenna, Sunita Williams K Teacher and Christine Shelley, Middle School Special Education Teacher

Baking is fun to do and easy to learn. We will make, bake and taste a variety of breakfast foods and treats over the course of the week. You will be introduced to baking skills such as measuring, mixing and how to read a recipe. Create blueberry buckle, snickerdoodles, scones and more! At the end of the week, you will go home with a cookbook of all of the recipes you made, so that you can bake them at home for family and friends.

*** Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create. Students are also encouraged to bring one or two recipes to share with the group on the first day or two of the class.

*** Allergy Alert:** see page 8 for details.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 2: July 6–10	12:15–3:15pm	\$264
Grades: 3–5	Wk 3: July 13–17	12:15–3:15pm	\$264

Baking Wars

Instructor(s): Elaine McKenna, Sunita Williams K Teacher and Christine Shelley, Middle School Special Education Teacher

*** NEW *** Join us for a little friendly (and tasty) competition in this exciting new class! We still start off the week baking delicious treats in two different teams. Each day the teams will taste test their own goodies, as well as, the goodies made by the other team. With increasing independence, the challenges will increase in difficulty. You will have a variety of recipes to choose from and you will collaborate with your team to decide which recipes to make. Some days will include a challenge, such as, baking without the use of a specific ingredient, create something that requires the use of a specific ingredient, to bake a specific type of treat, create a creative flavor for pancakes or muffins, and more. In addition to taste testing their own baking, and the competition's baking, students will be able to take home leftovers.

*** Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create. Students are also encouraged to bring one or two recipes to share with the group on the first day or two of the class.

*** Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 7–9	Wk 4: July 20–24	12:30–3:30pm	\$264
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Baking: Beyond Basics

Instructor(s): Elaine McKenna, Sunita Williams K Teacher and Christine Shelley, Middle School Special Education Teacher

Do you enjoy baking and want to refine your cooking skills? If so, then join us to learn valuable culinary and nutrition skills, all while having fun in the kitchen. We will create, bake, and taste our creations. Learn to make lemon cake, double chocolate brownies, strawberry shortcake and more! At the end of the week, you will take home all of the recipes in a cookbook.

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create. Students are also encouraged to bring one or two recipes to share with the group on the first day or two of the class.

★ **Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 5–9	Wk 4: July 20–24	9:00am–12:00pm	\$264
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Baseball: For the Love of the Game

Instructor(s): Steve Blomberg, Retired Abington High School Teacher and Baseball Coach

The class is designed to promote an understanding and love of the game of baseball. We will play a variety of baseball games, gain an understanding of the sport's fundamentals and learn interesting facts about the history of our national pastime.

★ **Note:** Students should bring a baseball glove and baseball hat.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 1: June 29–July 2	8:45–11:45am	\$174
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Grades: 3–5	Wk 2: July 6–10	8:45–11:45am	\$214
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Basketball and More

Instructor(s): Moore Dodge, NHS History Teacher and Paula Kelley, Pollard Wellness Instructor

In this action packed class, you will learn the fundamentals of basketball, do drills to develop and improve your skills, and play basketball games. In addition to basketball we will also spend a portion of each class playing classic summer games such as Capture the Flag, freeze tag, relay races, musical spots, and much more.

★ **Note:** Students should wear sneakers and bring a water bottle.

Limited to 30 students. For many activities students will be divided into two groups (a younger group and an older group).

Location: Broadmeadow Elementary School

Grades: 1–5	Wk 1: June 29–July 2	12:15–3:15pm	\$154
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Grades: 1–5	Wk 2: July 6–10	12:15–3:15pm	\$189
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Grades: 1–5	Wk 3: July 13–17	12:15–3:15pm	\$189
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Grades: 1–5	Wk 4: July 20–24	12:15–3:15pm	\$189
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Breakfast Club

Instructor(s): Elaine McKenna, Sunita Williams K Teacher and Christine Shelley, Middle School Special Education Teacher

Looking for new ways to get your kids to eat breakfast? Breakfast is the most important meal of the day so get your day going with one of our delicious kid friendly breakfast recipes, featuring favorites like eggs, pancakes, casseroles, French toast and more. This class will give your kids all the energy and nutrients they need in the morning. Kids should be in the kitchen helping out, and breakfast is a fun, easy-to-make meal that kids can get involved in. This class will show kids creative and classic ideas that will pique their interest.

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

★ **Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 1: June 29–July 2	8:45–11:45am	\$214
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Grades: 3–5	Wk 1: June 29–July 2	12:15–3:15pm	\$214
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Brunch Bunch

Instructor(s): Jen Tutelman, NPS Nutrition Outreach Coordinator

Learn how to make fun, healthy and delicious food to enjoy on your favorite lazy Sunday morning (or any time!). We will make a variety brunch favorites, such as egg casseroles, pancakes, French toast, breakfast sandwiches, fruit salads, smoothies, crumb and coffee cakes and more. We'll also make a feast for our eyes by creating food art to enhance our brunch table.

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

★ **Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 6–9	Wk 1: June 29–July 2	9:00am–12:00pm	\$214
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Grades: 6–9	Wk 1: June 29–July 2	12:30–3:30pm	\$214
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Bullet Journaling

Instructor(s): Liz Hitron, Sunita Williams Librarian and Judy Matterazzo, Sunita Williams Library Support Assistant

★ **NEW** ★ We will learn about the recent phenomenon of bullet journaling, its uses and methodology. Each student will create a personalized bullet journal for organization, inspiration, and creativity. Part diary, part to-do list, part planner, this analog system will help you focus on your goals and inspire creativity. We will also explore lettering, collage, and other creative strategies to enhance our bullet journals.

Limited to 14 students.

Location: Needham High School

Grades: 6–9	Wk 4: July 20–24	9:00am–12:00pm	\$239
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Coding for Beginners

Instructor(s): Nicole Piatelli, Pollard 8th Grade Science Teacher

Learn what coding is all about! Join us as we explore different coding platforms including Scratch, Hour of Code, and Project Guts. You will work individually and collaboratively with fellow students on exciting coding projects and you will learn to code a game by the end of the week!

★ **Note:** Students will need to bring headphones/earbuds that can plug into a standard headphone jack (Apple earbuds with a lightning connector will not be compatible).

Limited to 10 students during Week 1.

Limited to 14 students during Weeks 2 and 3.

Location: Broadmeadow Elementary School

Grades: 2–4	Wk 1: June 29–July 2	8:45–11:45am	\$194
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Grades: 1–3	Wk 1: June 29–July 2	12:15–3:15pm	\$194
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Location: Needham High School

Grades: 3–5	Wk 2: July 6–10	12:30–3:30pm	\$239
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Grades: 3–5	Wk 3: July 13–17	9:00am–12:00pm	\$239
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Cool Jewelry

Instructor(s): Sarah Donovan, Sunita Williams 4th Grade Teacher

Learn different bead-making and stringing techniques to create beautiful, one-of-a-kind necklaces, bracelets, and earrings. At the end of the week, you will have an array of stunning jewelry treasures to keep for yourself or to give to family members and friends.

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	8:45–11:45am	\$239
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Crafternoon

Instructor(s): Caitlin MacDonald, Newman 3rd Grade Teaching Assistant and Jasmine Sanders, Newman K Teaching Assistant

★ **NEW** ★ Turn your afternoons into *Crafternoons*! We will encourage creativity and self discovery as we make an assortment of craft projects. We will explore painting crafts, nature crafts, and projects crafted from upcycled and recycled materials. We will also create dream-catchers, photo holders, friendship bracelets and more. Join us for a week filled with craft-tastic fun!

★ **Note:** Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.

★ **Allergy Alert:** See page 8 for details.

Limited to 14 students.

Location: Needham High School

Grades: 3–5	Wk 2: July 6–10	12:30–3:30pm	\$239
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Crazy LEGO Contraptions

Instructor(s): Vicky Neale, High Rock Teaching Assistant

Join us to have fun with LEGOs and learn about simple machines. Discover how wheels, axles and gears work, then build your very own lawn mower and Ferris wheel from LEGO Technic sets. Apply what you have learned to design and build your own fabulous creations!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	8:45–11:45am	\$214
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Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$214
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Creative Writing: Fiction Fun!

Instructor(s): Laura Sechovicz, Pollard Special Education Teaching Assistant

Calling all writers with active imaginations! Students will compose fiction in a supportive atmosphere using interesting writing prompts, constructive templates, and guided instruction. We will even watch a few Disney/Pixar film clips to learn more about characterization, conflict, and plot. Students can incorporate art into their writing projects if they choose to do so. All writing levels are welcome!

Limited to 10 students.

Location: Needham High School

Grades: 5–8	Wk 3: July 13–17	9:00am–12:00pm	\$214
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Cupcake Decorating

Instructor(s): Alyssa Weisenfeld, Sunita Williams Special Education Teaching Assistant

★ **NEW** ★ Join us to learn the basics of cupcake decorating! After watching demonstrations from the teacher to learn techniques and skills associated with cupcake decorating, students will learn how to frost, decorate, design (and eat!) a cupcake. We will also use our decorating skills and creativity to make fun cupcake-themed crafts. At the end of the day, students will bring home decorated cupcakes and treats.

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home the goodies you create (containers should be large enough to hold three cupcakes). Students may bring an apron if desired.

★ **Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 3–6	Wk 4: July 20–24	12:30–3:30pm	\$269
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Design Your Own Board Game

Instructor(s): Tracy Ahrens, Broadmeadow Teaching Assistant

Design and create your very own original board game, and then take it home at the end of the week to play with friends and family! In addition to lots of creative and crafty game-making fun, we will play classic board games and engage in class discussions about what makes a board game great. Once our original board games are complete we will have a chance to play them in class as well!

Limited to 12 students.

Location: Needham High School

Grades: 3–5 Wk 4: July 20–24 9:00am–12:00pm \$214

Digital Art: Animation

Instructor(s): Nicole Burnor, NHS Visual Art Educator

*** NEW *** Students will learn the basics of the Adobe programs Animate and iMovie. This experience will include: learning how to use exciting tools in Animate and iMovie that will manipulate, transform and bring objects to life. We will learn how to make stop motion animations, create flipbook animations and design a storyboard layout. For inspiration we will also explore artists in the Animation industry. Join us to create active art in both analog and digital form!

*** Note:** *Students must bring a smartphone, tablet or device that has video-taking capabilities, as well as, a USB charging cable for data transfer.*

Limited to 12 students.

Location: Needham High School

Grades: 5–9 Wk 2: July 6–10 12:30–3:30pm \$239

Grades: 5–9 Wk 3: July 13–17 9:00am–12:00pm \$239

Digital Art: Photoshop

Instructor(s): Nicole Burnor, NHS Visual Art Educator

*** NEW *** Students will learn the basics of the Adobe program Photoshop. This experience will include: learning how to use exciting tools in Photoshop that can transform ordinary images into almost anything you can imagine. We will learn how to manipulate photographs students take and are provided with, make photo collages and design a character of their choice. For inspiration we will also explore artists who use Photoshop to create incredible imagery. Join us to explore Photoshop's powerful creative tools!

*** Note:** *Students must bring a smartphone, tablet or device that has photo-taking capabilities, as well as, a USB charging cable for data transfer.*

Limited to 12 students.

Location: Needham High School

Grades: 5–9 Wk 1: June 29–July 2 9:00am–12:00pm \$194

Grades: 5–9 Wk 2: July 6–10 9:00am–12:00pm \$239

Dino-mite Dinosaurs

Instructor(s): Sara Hill, Newman MS, OTR/L (Registered and Licensed Occupational Therapist) and Tracy Gay, Newman COTA/L (Licensed & Certified Occupational Therapy Assistant)

Explore the prehistoric past as we discover dino-mite dinosaurs! From tracking dino-prints and making dinosaur eggs to bringing dino skeletons to life in Technicolor, we will learn about different dinosaurs and the periods in which they lived. You will explore dinosaur habitats and diet, what they looked like, and how they lived. Collect fascinating facts about these ancient creatures in your own science journal, test your paleontology skills in a dino dig, make some fossils and create your very own dinosaur. This class will be action packed with dino discoveries through books, games, dramatic play, crafts, music and more.

*** Note:** *Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.*

*** Allergy Alert:** *See page 8 for details.*

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 3: July 13–17 12:15–3:15pm \$214

**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

<http://needham.schoolpay.com/link/SE20>

**Scholarship registrations cannot be taken online.*

Please contact NCE for assistance at 781-445-0400 x5.

Drawing from Life

Instructor(s): Nicole Burnor, NHS Visual Art Educator

*** NEW *** Visually explore your surroundings and everyday objects as we learn the basic skills to draw from life. We will learn how to draw from observation, and explore the natural environment as we draw still lifes, room interiors, self-portraits and more. Students will use multiple mediums including colored pencils, markers and charcoal pencils. For additional inspiration we will also explore prominent fine art artists and illustrators.

*** Note:** *Students may bring in a smartphone to take photos for reference.*

Limited to 12 students.

Location: Needham High School

Grades: 5–9 Wk 1: June 29–July 2 12:30–3:30pm \$214

Grades: 5–9 Wk 3: July 13–17 12:30–3:30pm \$239

Duct Tape Creations

Instructor(s): Jennifer Priesing, Learning Prep School Special Education Teacher

Let your imagination run wild as we construct, create and decorate exciting objects using duct tape. You can make wallets, bags, purses, flowers, belts, folders for schoolwork or papers, jewelry for boys and girls, lanyards for keys, wall décor, even flip-flops. You can also spice up plain items by covering and embellishing them with duct tape. Turn lunch boxes, frames and notebooks into duct tape masterpieces. Join us to see what creative inventions we will surprise you with!

Limited to 14 students.

Location: Needham High School

Grades: 3–5 Wk 3: July 13–17 9:00am–12:00pm \$239

Dungeons & Dragons

Instructor(s): Cristian Marano, Newman Teaching Assistant

*** TWO WEEK CLASS *** Dungeons & Dragons (D&D) is an imaginative, social experience that engages players in a rich fantasy world filled with larger-than-life heroes, deadly monsters, and diverse settings. As a hobby game, D&D is an ongoing activity which connects players with friends on a regular basis. The D&D game is a fantasy game of your imagination. It is part acting, part storytelling, part social interaction, part war game, and part chance. You and your friends create characters that develop and grow with each adventure they complete. Use math, reading, and problem solving skills to become a hero of might and magic in this glorified board game. Join our knights to stop evil and save the world!

Limited to 6 students.

Location: Needham High School

Grades: 6–9
Wks 3 & 4: July 13–17 & July 20–24 12:30–3:30pm \$459

Edible Art

Instructor(s): Sara Hill, Newman MS, OTR/L (Registered and Licensed Occupational Therapist) and Tracy Gay, Newman COTA/L (Licensed & Certified Occupational Therapy Assistant)

*** NEW *** What creative child doesn't like playing with their food? Here's an opportunity to amuse yourself with a wide variety of fruits, vegetables and sweets while making great tasting art! From edible slime to monster munchies, crazy cupcakes and silly sandwiches, get ready to have a finger-licking good time! We will provide all the mouth-watering materials, you bring a smock and your imagination for fabricating fabulously flavorful feats of fancy!

*** Note:** Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.

*** Allergy Alert:** See page 8 for details.

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 3: July 13–17 8:45–11:45am \$239

Exploring the American Revolution

Instructor(s): Laura Marinak, Newman 5th Grade Teacher

*** NEW *** Celebrate Independence Day by exploring the American Revolution through engaging projects and interactive experiences. We will create a "Battle Breakdown Presentation" for one of seven epic battles of the Revolutionary War. Students will go on a historical adventure learning about life in the Continental Army, secret codes and spies, battlefield medicine, revolutionary women and the tactics of war as they collaborate to complete tasks in an American Revolution themed escape room experience. We will also capture and explore our knowledge in an American Revolution Notebook containing the chain of events leading up to the American Revolution, the differences between Patriots and Loyalists, a comparison of King George and George Washington, an exploration of the Declaration of Independence and the US Constitution, and more!

Limited to 12 students.

Location: Needham High School

Grades: 4–6 Wk 2: July 6–10 12:30–3:30pm \$214

Fairies and Sprites

Instructor(s): Ellen Porter, Eliot Teaching Assistant

Enter the magical world of fairies and sprites for a week of fantasy fun! Fairies and sprites love to frolic, so we will decorate fairy wings, make magic wands and play whimsical games. We will decorate an adorable, miniature fairy house and make a fairy to live there. We will also hear stories from fantasy fairy books. So strap on your fairy wings, sprinkle some fairy dust, and join us for a memorable week in the world of fairies and sprites!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 3: July 13–17 12:15–3:15pm \$214

Festive Fourth of July Decorations and Crafts

Instructor(s): Jennifer Maw, NHS Library Program Specialist

Spend the days before Independence Day preparing festive decorations that will add flare to your holiday celebration. These fun and patriotic projects are easy to make and they'll last for years. We will create fabric garland, sparkler poms, fabric wreaths and more!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 1: June 29–July 2 8:45–11:45am \$194

Grades: 1–3 Wk 1: June 29–July 2 12:15–3:15pm \$194

Frozen Adventures

Instructor(s): Tracy Gay, Newman COTA/L (Licensed & Certified Occupational Therapy Assistant) and Ellen Porter, Eliot Teaching Assistant

*** NEW *** When summer temperatures sizzle, take a plunge into a winter wonderland of activities to melt the heat. We will enjoy a blizzard of wintery science, games, dramatic play, sensory exploration and art. Explore ice experiments, make homemade "snow", create an aurora with ice painting, play winter themed games, make homemade frozen treats such as ice cream and Popsicles, and much, much more to round out this really cool week. Frozen fun will abound, so come chill with Anna, Elsa, Sven, Olaf and me!

*** Note:** *Students are encouraged to bring a smock or old shirt to class each day as some of our activities may get messy. Students may get wet when using the water table or doing ice experiments.*

*** Allergy Alert:** *See page 8 for details..*

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	12:15–3:15pm	\$214
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Games Galore

Instructor(s): Paula Kelley, Pollard Wellness Instructor and Moore Dodge, NHS History Teacher

Come join the fun! We will enjoy playing active and challenging games and sports activities geared toward elementary-aged learners. Team and individual activities will be presented throughout the week, providing lots of excitement. Games and sports activities may include: soccer, kickball, basketball, dodgeball, Capture the Flag, floor hockey, bowling, relay races, musical spots, batting practice, golf and much more.

Limited to 30 students. For many activities students will be divided into two groups (a younger group and an older group).

Location: Broadmeadow Elementary School

Grades: 1–5	Wk 1: June 29–July 2	8:45–11:45am	\$154
Grades: 1–5	Wk 2: July 6–10	8:45–11:45am	\$189
Grades: 1–5	Wk 3: July 13–17	8:45–11:45am	\$189
Grades: 1–5	Wk 4: July 20–24	8:45–11:45am	\$189

Glass Art

Instructor(s): Michel L'Huillier, Fused and Stained Glass Artist and Instructor

Create beautiful glass mosaics, jewelry pieces, and decorative objects under the instruction of a professional glass artist. Mr. L'Huillier will teach you various techniques for working with glass, including: fusing and mosaic. At the end of the week, you will have many gorgeous pieces to give as gifts or to cherish for yourself.

*** Note:** *Students must wear closed-toe shoes to this class.*

Limited to 14 students.

Glass Art continued...

Location: Needham High School

Grades: 5–9	Wk 1: June 29–July 2	9:00am–12:00pm	*\$154
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Grades: 3–5	Wk 1: June 29–July 2	12:30–3:30pm	*\$154
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***Class requires an additional \$70.00 materials fee payable to the instructor. Details to follow upon registration.**

Grades: 3–5	Wk 2: July 6–10	9:00am–12:00pm	**\$189
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Grades: 5–9	Wk 2: July 6–10	12:30–3:30pm	**\$189
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****Class requires an additional \$85.00 materials fee payable to the instructor. Details to follow upon registration.**

Go with the Flow: Yoga and Mindfulness

Instructor(s): Alice Ferguson, Sunita Williams 4th Grade Teacher

*** NEW *** Experience a "breath of fresh air" as you learn about and work on your ability to practice yoga and mindfulness. Complete yoga poses, find out why yoga is important, discover how yoga and mindfulness has helped many people, participate in mindfulness activities, learn mindfulness strategies, and complete your own yoga flow. Students will get many opportunities to go outside, whether it's on a walk or writing in their mindfulness journals. Join us for this opportunity to relax your mind, move your body, and *Go With the Flow*.

*** Note:** *Students should bring a yoga mat or beach towel to class.*

Limited to 10 students.

Location: Needham High School

Grades: 3–5	Wk 2: July 6–10	9:00am–12:00pm	\$214
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Grades: 3–5	Wk 3: July 13–17	12:30–3:30pm	\$214
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Gotta Dance!

Instructor(s): Alexa Leguyader, Sunita Williams 3rd Grade Teaching Assistant

Dance is a positive and engaging creative outlet. It can help with focus, teamwork, confidence, self-image, and so many other fundamental self improving skills. The goal of the class is to enjoy music, learn about counting rhythm and beats, move your body, and express yourself through dance. Class will start with a fun warm up and a good stretch, followed by exciting dance activities. Students will have the opportunity to learn and practice choreography, choreograph their own dances, and show off their hard work to their peers. Class will come to a close with a cool down stretch, as well as some mindfulness meditation or yoga.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 4: July 20–24	12:15–3:15pm	\$214
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Hamilton: The Musical

Instructor(s): Tracy Ahrens, Broadmeadow Teaching Assistant and Vicky Neale, High Rock Teaching Assistant

A little history, a little music and a lot of creativity! This class will focus on historical and creative explorations of *Hamilton: The Musical*. We will listen to songs and watch clips from the show, as well as, research the story's background, the main characters involved and the timeline of the major events. Using our own creativity, we will express our inspiration and what we've learned through music, drama, writing, and creative artwork! Write your own rap based on historical events, play trivia games using questions we create through the week, develop and participate in short skits, create poems and/or artwork based on the show and more. Join us to share in the excitement and inspiration of Hamilton!

Limited to 14 students.

Location: Needham High School

Grades: 6–9	Wk 3: July 13–17	12:30–3:30pm	\$214
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iMovie Making

Instructor(s): Karen Vona McIntyre, NHS Media Program Specialist and Gabe Guerra, Newman Media Technology Assistant

*** FULL DAY CLASS *** Come join us for a week of movie-making magic! From storyboard to screen, you will plan, write, direct, act, and edit while learning the ins and outs of iMovie. Use a combination of camera tricks, editing secrets, and even green-screen to channel your inner Spielberg. Get the opportunity to explore Animation, Horror, Adventure, Sci-Fi, and more. Be sure to bring your imagination, creativity, and ideas for your movies!

*** Note:** Students must bring their school-issued iPad or a personal smartphone or tablet that has video-taking capabilities, as well as, a USB charging cable for data transfer. Students are welcome to bring costumes and props from home to use in their movies.

*** Allergy Alert:** See page 8 for details.

Limited to 15 students.

Location: Needham High School

Grades: 5–9	Wk 3: July 13–17	9:00am–3:30pm	\$459
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Grades: 5–9	Wk 4: July 20–24	9:00am–3:30pm	\$459
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Improv and Acting Workshop

Instructor(s): Kayla Caneja, High Rock 6th Grade ELA Teacher. In Week 4 Ms. Caneja will be joined by Kate MacPhee, Speech-Language Pathologist

Join us for a fun week where students will learn acting basics and improv skills. We will watch and study brief videos of improv sketches and participate in creative improv activities, games, and sketches. Students will also learn to analyze scenes and perform the scenes using scripts.

Limited to 12 students during Weeks 1 and 2.

Limited to 14 students during Week 4.

Improv and Acting Workshop continued...

Location: Needham High School

Grades: 5–9	Wk 1: June 29–July 2	12:30–3:30pm	\$174
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Grades: 3–5	Wk 2: July 6–10	9:00am–12:00pm	\$214
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Grades: 5–9	Wk 4: July 20–24	12:30–3:30pm	\$214
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Inside Look at the Medical Profession

Instructor(s): Beth Israel Deaconess Hospital–Needham staff members

Get an inside look at the medical profession with staff from Beth Israel Deaconess Hospital–Needham. Each day you will hear from different industry professionals about the various roles in a hospital, and the education and training needed to attain those careers. Teachers will include staff from Nursing, Respiratory Care, Emergency Department, Physical and Occupational Therapy, Radiology, Administration and more. Students will also learn the basics of CPR and choking and will spend time on-site at Beth Israel Deaconess Hospital–Needham to do hands-on learning. This is the perfect opportunity for students interested in a career in healthcare to learn more about different options in the medical field.

*** Note:** This class will be held in the Beth Israel Deaconess Hospital–Needham Outpatient Clinical Center. Students should be dropped off at and picked up from the hospital where they will be greeted by a Summer Explorations staff member. *No transportation or supervised walk will be provided between BIDH and the other Summer Explorations locations.*

*** Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Beth Israel Deaconess Hospital – Needham

Grades: 6–9	Wk 4: July 20–24	9:00am–12:00pm	\$214
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Inspiring Artists

Instructor(s): Jennifer Priesing, Learning Prep School Special Education Teacher

*** NEW *** Create your own art pieces inspired by famous artists! In this class you will learn about the styles of famous artists such as Andy Warhol, Pablo Picasso, Georgia O'Keeffe, Amedeo Modigliani, and more! You will use that knowledge to create your own artwork inspired by these artists. Projects will include print-making, painting, and collage.

Limited to 14 students.

Location: Needham High School

Grades: 3–5	Wk 1: June 29–July 2	9:00am–12:00pm	\$194
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Grades: 3–5	Wk 4: July 20–24	9:00am–12:00pm	\$239
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Intro to Cheerleading

Instructor(s): Kate MacPhee, Speech-Language Pathologist and Kayla Caneja, High Rock ELA Teacher

Cheerleading is an exciting sport that combines team spirit, dance and overall athleticism. Students will learn at least one cheer and one dance. We will also explore some simple age-appropriate stunts depending on skill level. Students will participate in team building activities, as well as stretching and easy conditioning. By the end of the week they will be able to put on a small "routine" that includes a cheer and a dance (simple stunts may be incorporated depending upon skill level).

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 4: July 20–24 8:45–11:45am \$214

Kids Can Cook

Instructor(s): Jennifer Murray, Newman School Librarian and Caitlin MacDonald, Newman Teaching Assistant

We will create several delicious recipes each day, combining tried and true dishes with all new recipes. The recipes will revolve around a different theme each day, such as Salad Day, Soups & Breads, and Cookie Day. You will experience new flavors and learn how combining various foods makes something completely different. You will gain important kitchen skills like measuring, mixing, chopping, and reading a recipe. We will sit down to sample our creations at the end of each class. On Friday, you will go home with a recipe book, new ideas, new skills and an enthusiasm for working (playing!) in the kitchen.

★ **Note:** *Students should bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create. Students may bring aprons if desired. Long hair pulled back and students should wear closed-toe shoes/sneakers (NO flip flops).*

★ **Allergy Alert:** *See page 8 for details.*

Limited to 12 students.

Location: Needham High School

Grades: 5–7 Wk 3: July 13–17 9:00am–12:00pm \$269

Grades: 5–9 Wk 3: July 13–17 12:30–3:30pm \$269

Kitchen Science

Instructor(s): Caitlin Concannon, Newman 1st Grade Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

Become a Kitchen Scientist for the week as we discover and explore through scientific experiments. Make your hypothesis and then test it out using materials and products you often find in your own kitchen. Discover what will dissolve a gummy bear, create a moving rainbow, design your own lava lamp, grow your own rock candy and more! You won't want to miss the fun in this exciting new class!

★ **Allergy Alert:** *See page 8 for details.*

Limited to 12 students.

Kitchen Science continued...

Location: Needham High School

Grades: 3–5 Wk 1: June 29–July 2 9:00am–12:00pm \$214

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 2: July 6–10 8:45–11:45am \$269

Grades: 1–3 Wk 3: July 13–17 12:15–3:15pm \$269

LEGO Mania

Instructor(s): Vicky Neale, High Rock Teaching Assistant

Calling all LEGO lovers. Join us to dive into bins of LEGO bricks, gadgets and mini figures. Stretch your imagination and free build your own LEGO world or explore a variety of LEGO kits. Show off your skills in LEGO challenges, enjoy some LEGO-themed coloring and take part in other fun LEGO activities. Come build with us!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 1: June 29–July 2 8:45–11:45am \$174

Grades: 1–3 Wk 3: July 13–17 8:45–11:45am \$214

Let's Build: Connect, Electrify, Build

Instructor(s): Liz Dempsey Lee, Let's Build Engineering Educator

Kids love to build! Join us this summer for a class which combines building with circuits and coding. You will gain a basic knowledge of circuits and electricity through challenges with Snap Circuits, Bristle Bots and Tin Can Robots. Make cards with copper tape, LEDs and button batteries. Learn to code with Scratch and Hour of Code and have opportunities to set your own challenges! Come have fun with *Let's Build* (and learn 21st century skills)!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 4: July 20–24 8:45–11:45am \$239

Let's Build: Harnessing the World's Energy

Instructor(s): Liz Dempsey Lee, Let's Build Engineering Educator

How much power does a rubber band have? Do we need electricity--how hard is it to capture other forms of energy and put them to use? This class explores natural energy sources through hands-on engineering challenges. Build a "super slinger" and launch a ping pong ball 20 ft. Test a variety of solar cooking surfaces, lift weight by designing and revising water wheel paddles, learn about projectiles with Stomp Rockets, and more. New this year: each day will include a makerspace style "Genius Hour" in which students are encouraged to apply concepts in class to their own build projects. Meet us at the intersection of building, science, and energy.

Limited to 10 students.

Location: Needham High School

Grades: 3–5 Wk 2: July 6–10 9:00am–12:00pm \$239

Let's Build: Water Engineering

Instructor(s): Liz Dempsey Lee, Let's Build Engineering Educator

Water Engineering is summer fun! Do you like solving problems and building and testing solutions? In *Let's Build: Water Engineering*, we will explore the properties and power of water through a series of engineering design challenges. Design a boat to hold weight, find the perfect weight to flink (not float or sink!), think about the importance of clean drinking water and design water filters and lastly, build and test dams made of a variety of material. Can you keep water from flooding the LEGO village? We will build, test, revise and probably get a little wet—come build with us!

★ **Note:** *Students are welcome to bring as a change of clothes as we will get wet in this class.*

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 3: July 13–17 8:45–11:45am \$239

Let's Put On A Play

Director: Kristen Mazzocchi, Arts Education Consultant and Director

★ **NEW** ★ Join us for a fun filled week learning the basics of acting and performance techniques. Students will rehearse a scripted play (everyone gets a part) and perform it for friends and family on the last day of class. Each day will offer new theater games (including improvisation) and a chance to have fun while learning some new skills.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 2: July 6–10 8:45–11:45am \$239

Magic: The Gathering

Instructor(s): Cristian Marano, Newman Teaching Assistant

Do you like card games like Pokemon and Yu-Gi-Oh? Then you're going to love *Magic: The Gathering*! Created in 1993 by Wizards of the Coast, *Magic: The Gathering* was the very FIRST trading card game that paved the way for hundreds of modern card games over the past 25 years. This workshop is designed as an introduction to the game. Students will familiarize themselves with the many functions of the cards, rules and strategies of playing, and the potential for trading cards within our group. The main goal of this workshop is to have fun and learn something new about the origins of games we all know and love. More implicitly, *Magic: The Gathering* will allow participants to practice mathematics, engage in executive functioning, improve social/emotional, interpersonal and problem solving skills.

★ **Note:** *Students are welcome and encouraged to bring their own cards/decks if they wish, but it is not required to enjoy this fun class!*

Limited to 12 students.

Location: Needham High School

Grades: 5–9 Wk 3: July 13–17 9:00am–12:00pm \$239

Grades: 5–9 Wk 4: July 20–24 9:00am–12:00pm \$239

Make Your Own Dreamhouse

Instructor(s): Caitlin MacDonald, Newman 3rd Grade Teaching Assistant and Jasmine Sanders, Newman K Teaching Assistant

Design and create your own miniature dream home using recycled items, art supplies and a whole lot of creativity. You decide if the floors will be covered with yarn, cloth, hardwood or rugs. Design a fireplace mantle with a TV above it, add a cool bookcase or even a pool! You can paint or wallpaper walls, make chairs, a kitchen table, lamps, curtains, shades, windows and doors—the options are endless. We will supply the materials, you supply your imagination!

★ **Note:** *Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.*

Limited to 14 students.

Location: Needham High School

Grades: 3–6 Wk 2: July 6–10 9:00am–12:00pm \$239

Grades: 3–6 Wk 4: July 20–24 9:00am–12:00pm \$239

Making Masterpieces

Instructor(s): Jennifer Maw, NHS Library Program Specialist

★ **FULL DAY CLASS** ★ This class is designed for students who want to create really excellent art pieces they will be proud to hang on a wall or give as a gift. Absolutely zero prior experience or prior skill is needed for this class. Each of the projects is carefully designed to be completed in a couple of hours, (overnight drying might be required) by a novice, and yield a magnificent creation. We will explore pop-art style portraits inspired by Andy Warhol, nature abstracts inspired by Georgia O'Keeffe, stained-glass look-alike art inspired by Tiffany and Frank Lloyd Wright, and more! This isn't fridge art. This is "frame it in the front hall" art!

Limited to 10 students.

Location: Needham High School

Grades: 5–9 Wk 4: July 20–24 9:00am–3:30pm \$459

Messy Hands Arts & Crafts

Instructor(s): Ellen Porter, Eliot Teaching Assistant

★ **NEW** ★ Each day we will tackle a new art and craft project including tie-dye, spin art, 3D bendaroos, sand art, molding clay and more! We will explore a variety of interesting supplies, as well as recycled materials that will spark your imagination and get your hands messy.

★ **Note:** *Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty. As the class title implies, our activities will get messy.*

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 1: June 29–July 2 8:45–11:45am \$194

Mind, Body and Soul: Fitness, Meditation and Wellness

Instructor(s): Laura Marinak, Newman 5th Grade Teacher

*** NEW *** In this class, students will spend time each day on fitness, mindfulness, and meditation. We will explore a type of cardio—kickboxing, yoga, cardio dance, circuit training—each day. We will also learn mindfulness and meditation which can help improve the ability to pay attention, to calm down when upset, and to make better choices. We will do this by taking part in activities such as “listen to the bell”, breathing buddy practice, take “noticing walks”, and establishing a gratitude practice. Self-exploratory journaling, mandala coloring, and relaxing board games are additional activities students will engage in. Fitness, Meditation and Wellness provides a safe and nurturing environment in which everyone is welcome to join as we explore helpful techniques and tasks to engage your mind, body, and soul.

*** Note:** *Students should wear comfortable clothing and bring a yoga mat and water bottle to class.*

Limited to 12 students.

Location: Needham High School

Grades: 6–9	Wk 2: July 6–10	9:00am–12:00pm	\$214
Grades: 6–9	Wk 3: July 13–17	9:00am–12:00pm	\$214

Mind, Body and Soul: Mindfulness and Yoga

Instructor(s): Sascha D'Angelo, Pollard School Counselor and Sam Martyn, Pollard Health Teacher

Join us to discover positivity and self awareness by improving your overall sense of relaxation and stress management. We will do this by participating together in calming crafts, yoga, guided meditation, light exercise, self-exploratory journaling, mandala coloring, breathing techniques, and playing bonding board games. No previous experience required, all levels are welcome. Come meet some new friends and explore your healthy, happy, and calm inner self!

*** Note:** *Students should wear comfortable clothing. A smart-phone and/or earbuds can be brought in to download free mindfulness apps.*

*** Allergy Alert:** *Children will be consuming candies (Smarties) and clementines during a mindfulness exercise in this course. Please alert us to any food allergies when registering.*

Limited to 14 students.

Location: Needham High School

Grades: 6–9	Wk 1: June 29–July 2	9:00am–12:00pm	\$194
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Mini Bakers

Instructor(s): Kayla Bedigan, Sunita Williams Teaching Assistant and Liz Storer, Eliot Teaching Assistant

Young bakers will have a blast making mini treats! You will learn some baking basics while creating a variety of bite-sized goodies.

We will be combining new recipes with some returning favorites. Decorate your own apron, create your own recipe book, and bring home delicious minis each day.

*** Note:** *Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.*

*** Allergy Alert:** *See page 8 for details.*

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	8:45–11:45am	\$269
Grades: 1–3	Wk 3: July 13–17	8:45–11:45am	\$269
Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$269

Mixed Media Art

Instructor(s): Meredith Hopkins, NHS Art Teacher

*** NEW *** Students have an opportunity to play with and explore a variety of art materials. We will experiment with painting, drawing, collage and printmaking and practice mixed media techniques by layering these processes together. Example projects include: creating a variety of painted papers to use as backgrounds and collage material; creating a prints using found objects, stamps, stencils, and monoprinting; creating collages using found materials and materials created through our painting and printing explorations; and creating mixed media artwork by combining and layering all of the techniques we've learned.

Limited to 12 students.

Location: Needham High School

Grades: 5–9	Wk 4: July 20–24	9:00am–12:00pm	\$239
Grades: 3–5	Wk 4: July 20–24	12:30–3:30pm	\$239

No Bake Baking: No Heat Treats

Instructor(s): Caitlin Concannon, Newman 1st Grade Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

This summer, learn to “bake” without the heat! In this *No-Bake Baking* class you will learn recipes that do not require using an oven. We will whip up unique desserts and yummy snacks that you get to take home and share. Some of the delicious treats, that are as fun to make as they are tasty to eat, will include unicorn bark, chocolate dipped Oreos, eclair cake, cake pops and more! In addition to making these recipes, you will also create your own recipe books so you can recreate these delightful treats at home.

*** Note:** *Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.*

*** Allergy Alert:** *See page 8 for details.*

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 3: July 13–17	8:45–11:45am	\$269
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No Bake Baking: Red, White & Blue

Instructor(s): Caitlin Concannon, Newman 1st Grade Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

*** NEW *** This summer, learn to “bake” without the heat! In this No-Bake Baking class you will learn recipes that do not require using an oven. We will whip up unique red, white and blue desserts that you get to take home and share. Some of the delicious treats, that are as fun to make as they are tasty to eat, will include American flag cheesecake, red, white and blue parfait, firework Rice Krispies, and more! In addition to making these recipes, you will also create your own recipe books so you can recreate these delightful treats at home.

*** Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

*** Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 3–5 Wk 1: June 29–July 2 12:30–3:30pm \$214

Paint Bar

Instructor(s): Emily Garron, Sunita Williams ELC Teaching Assistant

*** NEW *** Enjoy a week of painting on canvas as we explore a different theme to be our muse each day. We will start each day looking at inspirational examples of painting techniques and our theme of the day. Students will share our ideas and consider their creative vision before putting brush to canvas and creating their art. Some themes we will explore are animals, foods, nature and more. We will also enjoy a variety of mini projects such as bubble or straw painting, cartoons and mandalas. Come paint with us!

*** Note:** Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.

*** Allergy Alert:** See page 8 for details.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 1: June 29–July 2 12:15–3:15pm \$194

Grades: 3–5 Wk 4: July 20–24 8:45–11:45am \$239

Grades: 1–3 Wk 4: July 20–24 12:15–3:15pm \$239

Paper Arts

Instructor(s): Jennifer Maw, NHS Library Program Specialist

Learn to create with paper and pages in a new way. We will fold, cut, glue, roll and otherwise change paper of different colors and textures and old books into fantastic new creations. Make a wreath, 3D words, a bouquet of paper flowers, a flock of paper butterflies, paper animals and objects, and a secret book-safe so you can hide your treasures in plain sight on your bookshelf!

*** Note:** Students are welcome to bring in their own old hard-cover book to upcycle for the book safe project. Please note

books will be permanently altered for this project (do not bring valuable books or those you intend to read again). Books will also be provided.

Limited to 10 students.

Location: Needham High School

Grades: 3–5 Wk 3: July 13–17 12:30–3:30pm \$239

Passport for Cooking

Instructor(s): Caitlin Concannon, Newman 1st Grade Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

*** NEW *** Would you love to take a trip around the world and explore different cultures and the food that comes from that country? This is the class for you! We will stamp our passports and travel the world through cooking! We will whip up appetizers, main courses and desserts from places all over the world. Bon voyage and bon appetite!

*** Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

*** Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 4: July 20–24 12:15–3:15pm \$269

Patriotic Treats and Cupcake Decorating

Instructor(s): Karen Vona McIntyre, NHS Media Program Specialist

Create fun and tasty cupcakes and fruit treats for the July 4th holiday. Students will learn different decorating techniques to create patriotic treats which can be stored and saved for the upcoming holiday. Students will learn to use decorator bags with different tips, and fondant to create patriotic cupcakes. For a sweet fruit treat, students will cut and skewer fruit to create star wands and a spectacular American flag!

*** Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home the goods you create.

*** Allergy Alert:** See page 8 for details.

Limited to 14 students.

Location: Needham High School

Grades: 5–9 Wk 1: June 29–July 2 9:00am–12:00pm \$214

**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

<http://needham.schoolpay.com/link/SE20>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x5.*

Planes, Trains & Automobiles

Instructor(s): Ellen Porter, Eliot Teaching Assistant

Come build a world of transportation job sites where you are the boss! Create a railroad with bridges, tunnels and a railroad station then conduct the trains along the winding tracks. Design an airport with runways and a control tower then pilot airplanes and helicopters into the friendly skies. Create a construction site with dump trucks and bulldozers galore. Build a race track and cheer as your matchbox cars race to the finish line. Come join us for some rumbling summertime fun!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	8:45–11:45am	\$214
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Grades: 1–3	Wk 4: July 20–24	12:15–3:15pm	\$214
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Pockets, Pockets, Pockets

Instructor(s): Jen Tuttelman, NPS Nutrition Outreach Coordinator

Virtually every country has their own special pocket food. Join us to explore and create these different pockets from around the world. We will be making empanadas, knishes, dumplings and more. We will also create our own fresh doughs and wraps for our imaginative pockets. Have fun making, stuffing, sealing and EATING your delicious creations!

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

★ **Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Needham High School

Grades: 6–9	Wk 2: July 6–10	9:00am–12:00pm	\$269
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Grades: 6–9	Wk 2: July 6–10	12:30–3:30pm	\$269
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Printmaking Workshop

Instructor(s): Anne Nydam, Author and Illustrator

In this introduction to relief printmaking techniques, students will use a number of different ways to create prints. We will make collagraph printing plates from textured materials, and do several different projects carving and printing rubber blocks. Students will be introduced to some of the issues involved in printmaking, such as positive and negative space, texture, designing with no mid-tones, safety when carving, and different uses of multiples. Each day will involve explanation of new techniques, plus time to work on creating the different blocks, as well as printing, and eventually signing and mounting work for display.

Limited to 12 students.

Location: Needham High School

Grades: 5–9	Wk 3: July 13–17	9:00am–12:00pm	\$239
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Grades: 5–9	Wk 4: July 20–24	12:30–3:30pm	\$239
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Science of Bath Bombs

Instructor(s): Laura Sechovicz, Pollard Special Education Teaching Assistant

★ **NEW** ★ We will create an assortment of bath and body products—such as fizzy bath bombs, essential oil sprays, bath salts, body scrubs, lip balms and more—learning a bit about Chemistry (matter, chemical reactions, diffusion/osmosis) and dermatology (humectants, exfoliants) along the way. We will also conduct science experiments using bath and body products and create special packaging and labels to turn our products into gifts to take home or share with friends.

★ **Note:** Please bring empty, lidded, non-breakable containers (no glass please) to class each day for bringing home samples of the goods you create.

★ **Allergy Alert:** See page 8 for details.

Limited to 10 students.

Location: Needham High School

Grades: 3–6	Wk 3: July 13–17	12:30–3:30pm	\$239
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**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

<http://needham.schoolpay.com/link/SE20>

*Scholarship registrations cannot be taken online.

Please contact NCE for assistance at 781-445-0400 x5.

Scrapbook Your Life

Instructor(s): Betsy Maxwell, Eliot Classroom Teacher

★ **NEW** ★ Gather your favorite photos, mementos, and souvenirs and bring them to class. You will learn a variety of creative techniques and fun designs for displaying your pictures and treasures on scrapbook pages. At the end of the program, you will have created a personalized scrapbook of your favorite moments and memories to take home.

★ **Note:** Students need to bring at least 25 photographs (the more, the better) that will be used in their books. These photographs will be altered through cutting techniques. Please only send in duplicates. No originals will be returned unaltered.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 3–5	Wk 2: July 6–10	8:45–11:45am	\$239
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Sculpture Club

Instructor(s): Samantha Gonzalez, High Rock Teaching Assistant

*** NEW *** Join us for an introduction to the basics of molding clay. Throughout the week we will be inspired by different prominent artists that use an assortment of materials within their art and sculptures. Students will use their imagination and artistic license to create their own sculpture based on work and style of the artists we learn about. We will learn how to create structural bases using pipe cleaners for our larger works, how to manipulate clay and add designs using sculpting tools, how to add ornamentation to our projects using beads, feathers and other objects and how to add color to our pieces using paint, markers and more. Each project will be quite different from the last and will introduce new ways to add color to the clay and new ways to manipulate the clay to create both smooth and textured creations.

*** Note:** Students are encouraged to bring a smock, apron or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	12:15–3:15pm	\$239
Grades: 3–5	Wk 3: July 13–17	12:15–3:15pm	\$239

Sensational Scientists

Instructor(s): Ellen Porter, Eliot Teaching Assistant and Tracy Gay, Newman COTA/L (Licensed & Certified Occupational Therapy Assistant)

Let your inner scientist come out! Experience a different kind of science every day with fun experiments, and discoveries. As Archaeologists, we'll make fossil imprints and create cave paintings. As Chemists, we will mix up some of Dr. Seuss's Oobleck and have some fun with Ghost Foam. As Astronomers, we will learn about the solar system and create a guide of the planets. We'll use a variety of materials to create and complete "take home" science exhibits.

*** Allergy Alert:** See page 8 for details.

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 1: June 29–July 2	12:15–3:15pm	\$194
Grades: 1–3	Wk 4: July 20–24	8:45–11:45am	\$239

Snack Attack!

Instructor(s): Caitlin Concannon, Newman 1st Grade Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

Do you love to be crafty, cook and enjoy new snacks? This is the class for you! Come join in on the fun of designing your own recipe book and creating delicious snacks that you can take on the go. Some of the snack making will include a rainbow fruit salad, creating your own special snack mix depending on your liking, and much more. Each day you will get to take home that snack

that you created in reusable trendy jars. At the end of the week we will put together our recipe books and you can take them home to recreate these fun filled jars!

*** Allergy Alert:** See page 8 for details.

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	12:15–3:15pm	\$269
Grades: 3–5	Wk 4: July 20–24	8:45–11:45am	\$269

Speech and Debate

Instructor(s): Paul Wexler, NHS Speech and Debate Coach

The Summer Explorations Speech and Debate Course will engage in debating, speaking, and oral interpretation (acting) activities. We will learn how to construct and support an argument, critically think, speak confidently, and listen thoughtfully. We will also introduce basic public philosophy problems such as "The Trolley Problem" as discussed on "The Good Place". Members of the nationally-recognized NHS Speech and Debate Team will assist in the class.

Limited to 12 students.

Location: Needham High School

Grades: 6–9	Wk 4: July 20–24	9:00am–12:00pm	\$214
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Star Wars

Instructor(s): Laurie Kraemer, Newman K Teaching Assistant

Calling all Star Wars lovers...join us to explore a galaxy far, far away! We will watch clips from the movie, discuss its characters and storyline, play Star Wars games and make out of this world crafts. Build your own Death Star out of paper maché, dream up and create your own character from model magic, design your own Star Wars t-shirt and much more. May the force be with you!

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 2: July 6–10	12:15–3:15pm	\$214
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STEM Challenges: Be An Engineer

Instructor(s): Jasmine Sanders, Newman K Teaching Assistant

*** NEW *** Build your confidence as you develop critical thinking, problem-solving, and collaborative skills in this exciting new class. We will tackle team and individual STEM projects such as creating a marble roller coaster, building and racing a mini car, designing your dream school, and more. Can you and your team build a tower using just one finger? Join us and find out!

Limited to 12 students.

Location: Needham High School

Grades: 6–9	Wk 1: June 29–July 2	12:30–3:30pm	\$194
Grades: 6–9	Wk 4: July 20–24	12:30–3:30pm	\$239

STEM Challenges: Build It, Float It, Launch It, Drop It

Instructor(s): Karen Vona McIntyre, NHS Media Program Specialist and Vicky Neale, High Rock Teaching Assistant

We will use creativity, ingenuity, brainstorming and teamwork to conquer daily STEM challenges! Together with a teammate, you will tackle building a tower, floating a boat, launching rockets, dropping an egg (without breaking it) and more in this exciting class. Your completed projects will be tested, redesigned and presented to the group. Join us for an exciting week—where risk is rewarded and curiosity is promoted.

*** Allergy Alert:** *Children will be handling eggs for a project and will be offered juice-based and fruit-flavored Popsicles during this class. Please alert us to any food allergies when registering.*

Limited to 14 students.

Location: Needham High School

Grades: 3–5 Wk 1: June 29–July 2 12:30–3:30pm \$194

STEM Challenges: Engineering Bridges

Instructor(s): Tamara Hosford Keough, High Rock 6th grade science teacher

Spend a week as an engineer! Bridges are used all over the world to connect people to resources, places and other people. Through hands-on experiences with a variety of materials and K'nex, you will learn about different bridge designs and the factors that affect how engineers build these complex structures in real life. Put what you learn into action as you design and build your own bridge using a variety of materials, such as, Popsicle sticks, spaghetti, straws, cardboard, string, construction paper and more. Will your bridges withstand the force of gravity? Will they be able to carry a load? Put your skills to the test!

*** Allergy Alert:** *See page 8 for details.*

Limited to 10 students.

Location: Needham High School

Grades: 4–6 Wk 4: July 20–24 12:30–3:30pm \$239

STEM Challenges: Explore, Experiment and Engineer

Instructor(s): Elaine McKenna, Sunita Williams K Teacher and Christine Shelley, Middle School Special Education Teacher

*** NEW *** STEM stands for science, technology, engineering, and math. This has become an increasing focus in school, allowing kids to explore these areas with curiosity. In this class, we will explore the STEM categories through a variety of exciting projects, experiments, activities and games. We will make our own water cycle and clouds as we learn about the environment. Using only marshmallows and toothpicks, we will see who can construct the biggest and sturdiest building. Practice place value with a fun card game and learn the basics of coding. Join us for the week as we let our imaginations run wild around the STEM universe!

*** Allergy Alert:** *See page 8 for details.*

STEM Challenges: Explore, Experiment & Engineer continued...

Limited to 12 students.

Location: Broadmeadow Elementary School

Grades: 3–5 Wk 2: July 6–10 8:45–11:45am \$239

Grades: 3–5 Wk 3: July 13–17 8:45–11:45am \$239

STEM Challenges: How Did the Romans Do It?

Instructor(s): Lauren Downey, NHS Latin Teacher

*** NEW *** How have Roman technology and cultural elements influenced our world and modern technology? How can we use our understanding of Roman and modern technology to understand major problems in our world today? Join us to answer these questions and more as we connect Roman culture to our own culture through engaging projects and activities. We will work collaboratively and learn STEM skills as we discover how the ancient world impacts the modern one and how we can use information from the past to impact the present. We will investigate topics such as aqueducts, bathhouses, fitness, roads and infrastructure, individuality and personal style, time-keeping, and games and explore how each of these areas compare and contrast to modern habits and technology.

Limited to 12 students.

Location: Needham High School

Grades: 6–9 Wk 2: July 6–10 12:30–3:30pm \$239

STEM Challenges: Robotics

Instructor(s): Nicole Piatelli, Pollard 8th Grade Science Teacher and Kelly Robinson, Pollard ENG & Design Teacher

Learn to build and program your own robot! Using LEGO Mindstorms you can program your robot to do what you ask it to do. Find out how fun it is to make your robot follow a line, recognize your voice, throw a ball and more in this inventive class!

Limited to 14 students.

Location: Needham High School

Grades: 5–9 Wk 2: July 6–10 9:00am–12:00pm \$239

Grades: 5–9 Wk 3: July 13–17 12:30–3:30pm \$239

**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

<http://needham.schoolpay.com/link/SE20>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x5.*

STEM Challenges: Rubik's Cube Mosaics

Instructor(s): Karen Vona McIntyre, NHS Media Program Specialist

*** NEW *** Are you a cuber or speedcuber? If so, this class is for you! Bring your Rubik's cube skills (cubes are provided!), and as a class we will use our combined skills and cubes to build different mosaics throughout the week. Students will master their solving skills, and speedcubers can hone their speedsolving skills by participating in timed challenges. This class will promote problem solving, focus, and creativity.

Allergy Alert: Children will be offered juice-based and fruit-flavored Popsicles during this class. Please alert us to any food allergies when registering.

Limited to 14 students.

Location: Needham High School

Grades: 5–9 Wk 2: July 6–10 9:00am–12:00pm \$214

STEM Discoveries: Planetary Science

Instructor(s): Tamara Hosford Keough, High Rock 6th grade science teacher

*** NEW *** Does looking into the sky spark your curiosity? Join us to learn about planets and moons as we explore the solar system in which we live and beyond. Discover methods scientists use to find planets outside of our solar system then use what you've learned to contemplate what exoplanets might be like. Build to scale models of planets, create an exoplanet, explore data that scientists have collected from these worlds and more!

Limited to 10 students.

Location: Needham High School

Grades: 5–7 Wk 4: July 20–24 9:00am–12:00pm \$239

Summer Theater Variety Show

Director: Kristen Mazzocchi, Arts Education Consultant and Director, Musical Director: Teresa Blume, Voice Instructor and Kristen Young, Choreographer

*** FULL DAY CLASS *** Have you ever wanted to act, sing and dance? Or, have you already been in a theatrical production, and yearn to do it again? Theater novices and veterans join us to express yourself onstage as part of our Summer Theater Variety Show! During our time together, you will learn acting techniques and have a chance to hone your singing talents. You'll have the opportunity to learn and perform in 3-4 skits that could include musical numbers, cabaret, improv, modern dance, Shakespeare scenes and more, to be performed for family, friends and the community at the end of the week. Have fun learning lots of new skills, making new friends, singing, dancing and acting!

Limited to 25 students.

Location: Broadmeadow Elementary School

Grades: 3–7 Wk 3: July 13–17 8:45am–3:15pm \$459

Superheroes With A Twist

Instructor(s): Elizabeth Batchman, Newman Speech & Language Assistant

Experience being part of a superhero's lifestyle and find your own super powers! Express your super imagination as we write about your favorite superhero or villain, create giant sized comic strips, and take notes in our superhero (or super villain) journals. Join in some super play on our obstacle course, with Thor's Hammer Throw and during web shot practice. Explore your super creativity with finger-painting, slime-making and costume design. This class is sure to be a super fun-filled time!

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 1–3 Wk 3: July 13–17 8:45–11:45am \$214

Register online* beginning at 7:00am on Thursday, March 12th.

Use this link to register:

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**Scholarship registrations cannot be taken online.*

Please contact NCE for assistance at 781-445-0400 x5.

Team Challenges

Instructor(s): Kayla Caneja, High Rock ELA Teacher

Exercise your brain and your body as we work in groups to complete a variety of team challenges and tasks. We enjoy being indoors and outdoors as we tackle mind challenges, such as an escape the room experience; strategy challenges, such as getting from point A to point B with limited options; and physical challenges, such as relay races. Join us to embrace your competitive spirit, work collaboratively, think strategically and have fun!

Limited to 12 students.

Location: Needham High School

Grades: 3–6 Wk 1: June 29–July 2 9:00am–12:00pm \$194

Grades: 3–6 Wk 3: July 13–17 12:30–3:30pm \$239

Theater Set Design and Construction

Instructor(s): Sally Tomasetti, Set Designer

*** FULL DAY CLASS *** In this unique class, gain exposure to many aspects of theater production, in conjunction with the Summer Theater Variety Show. You will learn how to design and build theater sets and create props. On performance day, experience the excitement of working behind the scenes as a member of the stage crew.

Limited to 10 students.

Location: Broadmeadow Elementary School

Grades: 4–7 Wk 3: July 13–17 8:45am–3:15pm \$459

Virtual Reality Video Making

Instructor(s): Joshua Yankell, NHS Technology Integration Specialist and Natalie Guthrie, NHS TV/Communications Teacher

*** FULL DAY CLASS *** Have you been wondering what the virtual reality buzz is all about? Come see it in action and create it on your own! During this class, you will explore 360-degree video with your own personal device and virtual reality viewers. You will also shoot 360-degree video in various locations and edit this video to create your own interactive experience to share with others.

*** Note:** *Each student will need to bring their own virtual reality viewer, such as Google Cardboard. Each student will also need to bring in their own device with a 4–6 inch screen that can access the Internet, has a gyroscope and an accelerometer, and download applications. Please make sure the YouTube app, Google Expeditions and Google Classroom have been downloaded onto the device.*

Limited to 12 students.

Location: Needham High School

Grades: 5–9	Wk 1: June 29–July 2	9:00am–3:30pm	\$369
Grades: 5–9	Wk 2: July 6–10	9:00am–3:30pm	\$459

We Love Pets

Instructor(s): Tracy Gay, Newman COTA/L (Licensed & Certified Occupational Therapy Assistant) and Kayla Bedigan, Sunita Williams Special Education Teaching Assistant (ELC)

Do you love pets? Do you love using your imagination, being crafty and having fun? If so, we have the purr-fect class for you! You'll have a doggone good time enjoying a week of games, art, projects, storytelling, dramatic play and learning about the pets we love. Put your skills to the test in the dramatic play centers including a pet store, vet and grooming area. We will have pet themed arts and crafts projects each day. We will learn about rescue and shelter animals and design a donation box to collect supplies to help animals in a local shelter. There will even be a special 4 legged visitor for a day. Join us for a paws-itively wonderful week of exploring the pets we love!

*** Note:** *Students are encouraged to bring a smock or old shirt to class each day or to wear clothes they don't mind getting dirty as some of our activities may get messy. We will have a share your pet day in which students will be invited to bring in a picture of their pet or a favorite stuffed animal to share with the class.*

Limited to 14 students.

Location: Broadmeadow Elementary School

Grades: 1–3	Wk 4: July 20–24	12:15–3:15pm	\$214
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**Register online* beginning at
7:00am on Thursday, March 12th.**

Use this link to register:

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**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x5.*



Scholarship Assistance

Students who qualify for free or reduced lunch may take up to two half-day classes or one full-day class during Summer Explorations at a scholarship rate (rates listed below).



Registration options:

1. Call the NCE office at 781-455-0400 x5 to register by phone using a credit card—MasterCard, Visa and Discover accepted.
2. Complete the form on **page 29** of this catalog, include payment (Cash: exact change please; or Check: payable to NCE; or Credit Card: Discover, MasterCard or Visa accepted, complete bottom of form) and deliver to NCE's office in person or by mail.
3. Stop in to the NCE office to register in person.

Address: NCE, 1330 Highland Avenue, Needham, MA 02492

Office hours: 8:30am–4:00pm, Monday–Friday

Questions? Please contact NCE Registration Manager, Jill Ash, at: 781-455-0400 x5 or jill_ash@needham.k12.ma.us

Scholarship Pricing

Class Name	Location	Grade	Dates	Times	Fee
3D Art & Clay	Needham High School	Gr. 5–8	July 6–10	9:00am–12:00pm	\$85
3D Art & Clay	Needham High School	Gr. 3–5	July 6–10	12:30–3:30pm	\$85
3D Art & Clay	Needham High School	Gr. 3–5	July 13–17	9:00am–12:00pm	\$85
3D Art & Clay	Needham High School	Gr. 5–8	July 13–17	12:30–3:30pm	\$85
A Week at Hogwarts	Needham High School	Gr. 3–6	July 13–17	9:00am–12:00pm	\$75
A Week at Hogwarts	Needham High School	Gr. 3–6	July 20–24	12:30–3:30pm	\$75
Across the Universe	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$85
Across the Universe	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$85
Acts of Kindness	Needham High School	Gr. 5–9	July 6–10	12:30–3:30pm	\$75
American Girls: Past and Present	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$75
Art and Science of Earth	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	8:45–11:45am	\$65
Art and Science of Earth	Broadmeadow Elementary School	Gr. 1–3	July 20–24	12:15–3:15pm	\$85
Art Explorations I	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$85
Art Explorations I	Broadmeadow Elementary School	Gr. 3–5	July 6–10	12:15–3:15pm	\$85
Art Explorations I	Broadmeadow Elementary School	Gr. 3–5	July 13–17	8:45–11:45am	\$85
Art Explorations I	Broadmeadow Elementary School	Gr. 1–3	July 13–17	12:15–3:15pm	\$85
Art Explorations II	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$85
Art Explorations II	Broadmeadow Elementary School	Gr. 3–5	July 20–24	12:15–3:15pm	\$85
Baking for Beginners	Broadmeadow Elementary School	Gr. 3–5	July 6–10	12:15–3:15pm	\$95
Baking for Beginners	Broadmeadow Elementary School	Gr. 3–5	July 13–17	12:15–3:15pm	\$95
Baking Wars	Needham High School	Gr. 7–9	July 20–24	12:30–3:30pm	\$95
Baking: Beyond Basics	Needham High School	Gr. 5–9	July 20–24	9:00am–12:00pm	\$95
Baseball: For the Love of the Game	Broadmeadow Elementary School	Gr. 3–5	June 29–July 2	8:45–11:45am	\$55
Baseball: For the Love of the Game	Broadmeadow Elementary School	Gr. 3–5	July 6–10	8:45–11:45am	\$75
Basketball and More	Broadmeadow Elementary School	Gr. 1–5	June 29–July 2	12:15–3:15pm	\$45
Basketball and More	Broadmeadow Elementary School	Gr. 1–5	July 6–10	12:15–3:15pm	\$65
Basketball and More	Broadmeadow Elementary School	Gr. 1–5	July 13–17	12:15–3:15pm	\$65
Basketball and More	Broadmeadow Elementary School	Gr. 1–5	July 20–24	12:15–3:15pm	\$65
Breakfast Club	Broadmeadow Elementary School	Gr. 3–5	June 29–July 2	8:45–11:45am	\$75
Breakfast Club	Broadmeadow Elementary School	Gr. 3–5	June 29–July 2	12:15–3:15pm	\$75
Brunch Bunch	Needham High School	Gr. 6–9	June 29–July 2	9:00am–12:00pm	\$75
Brunch Bunch	Needham High School	Gr. 6–9	June 29–July 2	12:30–3:30pm	\$75
Bullet Journaling	Needham High School	Gr. 6–9	July 20–24	9:00am–12:00pm	\$85
Coding for Beginners	Broadmeadow Elementary School	Gr. 2–4	June 29–July 2	8:45–11:45am	\$65
Coding for Beginners	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	12:15–3:15pm	\$65

Scholarship Pricing continued...

Class Name	Location	Grade	Dates	Times	Fee
Coding for Beginners	Needham High School	Gr. 3–5	July 6–10	12:30–3:30pm	\$85
Coding for Beginners	Needham High School	Gr. 3–5	July 13–17	9:00am–12:00pm	\$85
Cool Jewelry	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$85
Crafternoon	Needham High School	Gr. 3–5	July 6–10	12:30–3:30pm	\$85
Crazy LEGO Contraptions	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$75
Crazy LEGO Contraptions	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$75
Creative Writing: Fiction Fun!	Needham High School	Gr. 5–8	July 13–17	9:00am–12:00pm	\$75
Cupcake Decorating	Needham High School	Gr. 3–6	July 20–24	12:30–3:30pm	\$95
Design Your Own Board Game	Needham High School	Gr. 3–5	July 20–24	9:00am–12:00pm	\$75
Digital Art: Animation	Needham High School	Gr. 5–9	July 6–10	12:30–3:30pm	\$85
Digital Art: Animation	Needham High School	Gr. 5–9	July 13–17	9:00am–12:00pm	\$85
Digital Art: Photoshop	Needham High School	Gr. 5–9	June 29–July 2	9:00am–12:00pm	\$65
Digital Art: Photoshop	Needham High School	Gr. 5–9	July 6–10	9:00am–12:00pm	\$85
Dino-mite Dinosaurs	Broadmeadow Elementary School	Gr. 1–3	July 13–17	12:15–3:15pm	\$75
Drawing from Life	Needham High School	Gr. 5–9	June 29–July 2	12:30–3:30pm	\$75
Drawing from Life	Needham High School	Gr. 5–9	July 13–17	12:30–3:30pm	\$85
Duct Tape Creations	Needham High School	Gr. 3–5	July 13–17	9:00am–12:00pm	\$85
Dungeons & Dragons (2-wk class)	Needham High School	Gr. 6–9	July 13–17, 20–24	12:30–3:30pm	\$175
Edible Art	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$85
Exploring the American Revolution	Needham High School	Gr. 4–6	July 6–10	12:30–3:30pm	\$75
Fairies and Sprites	Broadmeadow Elementary School	Gr. 1–3	July 13–17	12:15–3:15pm	\$75
Festive Fourth of July Decorations and Crafts	Broadmeadow Elementary School	Gr. 3–5	June 29–July 2	8:45–11:45am	\$65
Festive Fourth of July Decorations and Crafts	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	12:15–3:15pm	\$65
Frozen Adventures	Broadmeadow Elementary School	Gr. 1–3	July 6–10	12:15–3:15pm	\$75
Games Galore	Broadmeadow Elementary School	Gr. 1–5	June 29–July 2	8:45–11:45am	\$45
Games Galore	Broadmeadow Elementary School	Gr. 1–5	July 6–10	8:45–11:45am	\$65
Games Galore	Broadmeadow Elementary School	Gr. 1–5	July 13–17	8:45–11:45am	\$65
Games Galore	Broadmeadow Elementary School	Gr. 1–5	July 20–24	8:45–11:45am	\$65
Glass Art	Needham High School	Gr. 5–9	June 29–July 2	9:00am–12:00pm	\$45
Glass Art	Needham High School	Gr. 3–5	June 29–July 2	12:30–3:30pm	\$45
Glass Art	Needham High School	Gr. 3–5	July 6–10	9:00am–12:00pm	\$65
Glass Art	Needham High School	Gr. 5–9	July 6–10	12:30–3:30pm	\$65
Go with the Flow: Yoga and Mindfulness	Needham High School	Gr. 3–5	July 6–10	9:00am–12:00pm	\$75
Go with the Flow: Yoga and Mindfulness	Needham High School	Gr. 3–5	July 13–17	12:30–3:30pm	\$75
Gotta Dance!	Broadmeadow Elementary School	Gr. 3–5	July 20–24	12:15–3:15pm	\$75
Hamilton The Musical	Needham High School	Gr. 6–9	July 13–17	12:30–3:30pm	\$75
iMovie Making	Needham High School	Gr. 5–9	July 13–17	9:00am–3:30pm	\$175
iMovie Making	Needham High School	Gr. 5–9	July 20–24	9:00am–3:30pm	\$175
Improv and Acting Workshop	Needham High School	Gr. 5–9	June 29–July 2	12:30–3:30pm	\$55
Improv and Acting Workshop	Broadmeadow Elementary School	Gr. 3–5	July 6–10	12:15–3:15pm	\$75
Improv and Acting Workshop	Needham High School	Gr. 5–9	July 20–24	12:30–3:30pm	\$75
Inside Look at the Medical Profession	Beth Israel Deaconess Hospital – Needham	Gr. 6–9	July 20–24	9:00am–12:00pm	\$75
Inspiring Artists	Needham High School	Gr. 3–5	June 29–July 2	9:00am–12:00pm	\$65
Inspiring Artists	Needham High School	Gr. 3–5	July 20–24	9:00am–12:00pm	\$85
Intro to Cheerleading	Broadmeadow Elementary School	Gr. 3–5	July 20–24	8:45–11:45am	\$75

Scholarship Pricing continued...

Class Name	Location	Grade	Dates	Times	Fee
Kids Can Cook	Needham High School	Gr. 5–7	July 13–17	9:00am–12:00pm	\$95
Kids Can Cook	Needham High School	Gr. 5–9	July 13–17	12:30–3:30pm	\$95
Kitchen Science	Needham High School	Gr. 3–5	June 29–July 2	9:00am–12:00pm	\$75
Kitchen Science	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$95
Kitchen Science	Broadmeadow Elementary School	Gr. 1–3	July 13–17	12:15–3:15pm	\$95
LEGO Mania	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	8:45–11:45am	\$55
LEGO Mania	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$75
Let's Build: Connect, Electrify, Build	Broadmeadow Elementary School	Gr. 3–5	July 20–24	8:45–11:45am	\$85
Let's Build: Harnessing the World's Energy	Needham High School	Gr. 3–5	July 6–10	9:00am–12:00pm	\$85
Let's Build: Water Engineering	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$85
Let's Put On A Play	Broadmeadow Elementary School	Gr. 3–5	July 6–10	8:45–11:45am	\$85
Magic: The Gathering	Needham High School	Gr. 5–9	July 13–17	9:00am–12:00pm	\$85
Magic: The Gathering	Needham High School	Gr. 5–9	July 20–24	9:00am–12:00pm	\$85
Make Your Own Dreamhouse	Needham High School	Gr. 3–6	July 6–10	9:00am–12:00pm	\$85
Make Your Own Dreamhouse	Needham High School	Gr. 3–6	July 20–24	9:00am–12:00pm	\$85
Making Masterpieces	Needham High School	Gr. 5–9	July 20–24	9:00am–3:30pm	\$175
Messy Hands Arts & Crafts	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	8:45–11:45am	\$65
Mind, Body and Soul: Fitness, Meditation and Wellness	Needham High School	Gr. 6–9	July 6–10	9:00am–12:00pm	\$75
Mind, Body and Soul: Fitness, Meditation and Wellness	Needham High School	Gr. 6–9	July 13–17	9:00am–12:00pm	\$75
Mind, Body and Soul: Mindfulness and Yoga	Needham High School	Gr. 6–9	June 29–July 2	9:00am–12:00pm	\$65
Mini Bakers	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$95
Mini Bakers	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$95
Mini Bakers	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$95
Mixed Media Art	Needham High School	Gr. 5–9	July 20–24	9:00am–12:00pm	\$85
Mixed Media Art	Needham High School	Gr. 3–5	July 20–24	12:30–3:30pm	\$85
No Bake Baking: No Heat Treats	Broadmeadow Elementary School	Gr. 3–5	July 13–17	8:45–11:45am	\$95
No Bake Baking: Red, White & Blue	Needham High School	Gr. 3–5	June 29–July 2	12:30–3:30pm	\$75
Paint Bar	Broadmeadow Elementary School	Gr. 3–5	June 29–July 2	12:15–3:15pm	\$65
Paint Bar	Broadmeadow Elementary School	Gr. 3–5	July 20–24	8:45–11:45am	\$85
Paint Bar	Broadmeadow Elementary School	Gr. 1–3	July 20–24	12:15–3:15pm	\$85
Paper Arts	Needham High School	Gr. 3–5	July 13–17	12:30–3:30pm	\$85
Passport for Cooking	Broadmeadow Elementary School	Gr. 3–5	July 20–24	12:15–3:15pm	\$95
Patriotic Treats and Cupcake Decorating	Needham High School	Gr. 5–9	June 29–July 2	9:00am–12:00pm	\$75
Planes, Trains & Automobiles	Broadmeadow Elementary School	Gr. 1–3	July 6–10	8:45–11:45am	\$75
Planes, Trains & Automobiles	Broadmeadow Elementary School	Gr. 1–3	July 20–24	12:15–3:15pm	\$75
Pockets, Pockets, Pockets (cooking class)	Needham High School	Gr. 6–9	July 6–10	9:00am–12:00pm	\$95
Pockets, Pockets, Pockets (cooking class)	Needham High School	Gr. 6–9	July 6–10	12:30–3:30pm	\$95
Printmaking Workshop	Needham High School	Gr. 5–9	July 13–17	9:00am–12:00pm	\$85
Printmaking Workshop	Needham High School	Gr. 5–9	July 20–24	12:30–3:30pm	\$85
Science of Bath Bombs	Needham High School	Gr. 3–6	July 13–17	12:30–3:30pm	\$85
Scrapbook Your Life	Broadmeadow Elementary School	Gr. 3–5	July 6–10	8:45–11:45am	\$85
Sculpture Club	Broadmeadow Elementary School	Gr. 1–3	July 6–10	12:15–3:15pm	\$85
Sculpture Club	Broadmeadow Elementary School	Gr. 1–3	July 13–17	12:15–3:15pm	\$85
Sensational Scientists	Broadmeadow Elementary School	Gr. 1–3	June 29–July 2	12:15–3:15pm	\$65
Sensational Scientists	Broadmeadow Elementary School	Gr. 1–3	July 20–24	8:45–11:45am	\$85

Scholarship Pricing continued...

Class Name	Location	Grade	Dates	Times	Fee
Snack Attack!	Broadmeadow Elementary School	Gr. 1–3	July 6–10	12:15–3:15pm	\$95
Snack Attack!	Broadmeadow Elementary School	Gr. 3–5	July 20–24	8:45–11:45am	\$95
Speech and Debate	Needham High School	Gr. 6–9	July 20–24	9:00am–12:00pm	\$75
Star Wars	Broadmeadow Elementary School	Gr. 1–3	July 6–10	12:15–3:15pm	\$75
STEM Challenges: Be An Engineer	Needham High School	Gr. 6–9	June 29–July 2	12:30–3:30pm	\$65
STEM Challenges: Be An Engineer	Needham High School	Gr. 6–9	July 20–24	12:30–3:30pm	\$85
STEM Challenges: Build It, Float It, Launch It, Drop It	Needham High School	Gr. 3–5	June 29–July 2	12:30–3:30pm	\$65
STEM Challenges: Engineering Bridges	Needham High School	Gr. 4–6	July 20–24	12:30–3:30pm	\$85
STEM Challenges: Explore, Experiment and Engineer	Broadmeadow Elementary School	Gr. 3–5	July 6–10	8:45–11:45am	\$85
STEM Challenges: Explore, Experiment and Engineer	Broadmeadow Elementary School	Gr. 3–5	July 13–17	8:45–11:45am	\$85
STEM Challenges: How Did the Romans Do It?	Needham High School	Gr. 6–9	July 6–10	12:30–3:30pm	\$85
STEM Challenges: Robotics	Needham High School	Gr. 5–9	July 6–10	9:00am–12:00pm	\$85
STEM Challenges: Robotics	Needham High School	Gr. 5–9	July 13–17	12:30–3:30pm	\$85
STEM Challenges: Rubik's Cube Mosaics	Needham High School	Gr. 5–9	July 6–10	9:00am–12:00pm	\$75
STEM Discoveries: Planetary Science	Needham High School	Gr. 5–7	July 20–24	9:00am–12:00pm	\$85
Summer Theater Variety Show	Broadmeadow Elementary School	Gr. 3–7	July 13–17	8:45am–3:15pm	\$175
Superheroes With A Twist	Broadmeadow Elementary School	Gr. 1–3	July 13–17	8:45–11:45am	\$75
Team Challenges	Needham High School	Gr. 3–6	June 29–July 2	9:00am–12:00pm	\$65
Team Challenges	Needham High School	Gr. 3–6	July 13–17	12:30–3:30pm	\$85
Theater Set Design and Construction	Broadmeadow Elementary School	Gr. 4–7	July 13–17	8:45am–3:15pm	\$175
Virtual Reality Video Making	Needham High School	Gr. 5–9	June 29–July 2	9:00am–3:30pm	\$140
Virtual Reality Video Making	Needham High School	Gr. 5–9	July 6–10	9:00am–3:30pm	\$175
We Love Pets	Broadmeadow Elementary School	Gr. 1–3	July 20–24	12:15–3:15pm	\$75

Summer Explorations | Scholarship Registration Form /// 2020

Student's name:

Current school:

Grade (fall 2020):

Parent/Guardian 1 name:

phone:

Parent/Guardian 2 name:

phone:

Preferred email for Summer Explorations communications:

Emergency contact name:

phone:

Dismissal: ☐ Walk ☐ Pick-up ☐ Other adult(s) authorized to pick-up:

<p>My child has life-threatening allergies and will require an EpiPen: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, please initial here _____ to indicate your understanding that you must deliver an EpiPen and a copy of your child's Allergy Action Plan to the Summer Explorations Nurse on the first day of the program, and that if these items are not provided, NCE staff will call 911 in the event of an apparent allergic reaction.</p>	<p>My child will bring an inhaler: <input type="checkbox"/> No <input type="checkbox"/> Yes, and has permission to self-administer as per the health order in their Needham Public Schools health file. <input type="checkbox"/> Yes, and I will provide the Summer Explorations Nurse with the inhaler and a copy of the medical order.</p>
<p>List of child's allergies:</p>	<p>Other medical issues:</p>
<p>Behavioral/Emotional issues:</p>	

Students who qualify for free or reduced lunch may take two one-week, half-day classes or one one-week full-day class.				
Class Title	Week	Time	Location	Fee
	6/29 7/6 7/13 7/20	AM PM Full	NHS BES	
	6/29 7/6 7/13 7/20	AM PM Full		
Total:				

To register: Complete this form, include payment (Cash: exact change please; or Check: payable to NCE; or Credit Card: Discover, MasterCard or Visa accepted, complete bottom of form) and deliver to NCE's office in person or by mail:

Address: NCE, 1330 Highland Avenue, Needham, MA 02492 /// **Office hours:** 8:00am–4:00pm, Monday–Friday

I/We, the parents/guardians of the registered student, a minor, hereby consent to his/her participation in the Needham Community Education Program, the taking of photos of my/our child and/or promotion of the program, and to his/her use of the Needham Public Schools facilities and equipment. I/We further agree to release and hold harmless the Town of Needham, Needham Public Schools and their employees, agents and assigns from any and all liability or expenses arising out of any incident involving, or any account of any injury to the above named minor in connection with such program. I/We further consent to emergency treatment by a physician in the event of injury to, or illness of our child during his/her participation in this program. I/We accept full responsibility for all costs for any such emergency treatment. I/We agree to abide by NCE policies.

Parent/Guardian signature:

Date:

OFFICE USE ONLY: SP Tally ____ SP Reg ____ Check # ____ <input type="checkbox"/> Cash ____ <input type="checkbox"/> Credit Card ____

Credit Card Payer: Name:

Email:

Street address:

Town/State/Zip:

☐ Discover ☐ MasterCard ☐ Visa

Card number:

Exp date:

Security code:

Other NCE Summer Programs

Sports Clinics for Students of All Ages

NCE, in conjunction with NHS Athletics, offers summer sports clinics taught by NHS varsity coaches and athletics staff, with the assistance of varsity athletes. **Grade Ranges:** Grade ranges represent the grade the child will be entering in the fall of 2020.

Registration Information for Sports Clinics

- **Register online** using SchoolPay: <http://www.schoolpay.com/link/NCECLINICS2020>
- **Scholarship Assistance** is available for students who receive free or reduced lunch. Please call NCE for details, 781-455-0400 x5.
- **Withdrawals** (minus a \$30 processing fee) will be accepted until May 15, 2020. Refunds will be made by check from the Town of Needham, and may take up to three weeks.
- **No refunds or credits** will be issued after May 15, 2020.
- **Questions?** Contact Amy Goldman, NCE Program Director, at amy_goldman@needham.k12.ma.us or 781-455-0400 x11214.

Volleyball Clinic (for girls and boys)

Grades 3–11

Instructor: David Powell, NHS Boys Volleyball Coach

The Rockets Volleyball Clinic will provide players with the fundamental skills of the sport. Coaches will provide expert instruction in the latest techniques of serving, passing, setting, hitting, blocking and defense. We will focus on individual skills to make each camper a better volleyball player! We also will pay special attention to team offense and defense and will lead team-building activities. We want to give a chance to every student to experience what it means to be a part of a team and to be a great volleyball player. All skill levels are welcome.

Location: Newman Gym

Grades 3–6	June 22–25	9:00am–3:00pm	\$200
Grades 7–11	June 22–25	9:00am–3:00pm	\$200

Basketball Skills Clinic (for girls and boys)

Grades 6–12

Instructor: Michael Jackson, NHS Assistant Athletic Director

In this popular clinic, coached by Mike Jackson, Assistant AD and former Division I basketball coach, the focus will be strengthening and developing basic basketball skills. The major building blocks of the sport will be drilled and taught both offensively and defensively. We hope to challenge each athlete as well as create an inclusive, fun environment for all. If needed participants will be grouped by age, ability, or gender. The goal is to have each athlete leave having learned how to play better individually or with a group, and also knowing which skills they should focus on and how to work on these skills on their own time.

Location: NHS Gyms

Grades 6–12	June 29–July 1	4:00pm–7:00pm	\$125
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Baseball Clinic (for girls and boys)

Grades 3–9

Instructor: Matt Howard, Needham Varsity Head Baseball Coach

This four-day clinic will help players of all abilities develop their skills with instruction from the NHS baseball staff. Players will work on throwing, catching, pitching, fielding, hitting and base running through the use of drills and live game action. Don't miss out on the opportunity to improve your game and have fun!

- **Note:** *Players should bring gloves, cleats, sneakers and bats (we will provide bats as well).*

Location: Defazio Baseball Complex

Grades 3–9	July 20–23*	9:00am–12:30pm	\$150
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**Rain date is Friday, July 24*

Field Hockey Clinic

Grades 5–9

Instructor: Stephanie Magni, NHS Varsity Softball and Field Hockey Coach

Come learn the fun and exciting sport of field hockey! During the clinic, you will be introduced to the basic skills and fundamentals needed to be a successful field hockey player. Some of the skills you will develop are: carrying the ball, dribbling, passing, driving, shooting, stopping, pulls and defense. You will also learn the rules of the game and practice your skills in scrimmages.

➤ **Note:** Participants should bring a field hockey stick, shin guards, mouth guard, field hockey goggles, turf shoes or sneakers, water, a nut-free snack and sunscreen.

Location: Defazio Turf Field

Grades 5–9	July 6–9*	9:00am–12:30pm	\$150
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*Rain date is Friday, July 10

Girls Basketball Clinic

Grades 4–8

Instructor: Amanda Sheehy, NHS Girls Varsity Basketball Head Coach

The Girls Basketball Clinic will focus on the fundamentals of the sport with a very strong emphasis on fun! With music playing throughout the gym, participants will be sure to have 3 hours filled with up-beat skill building from ball handling, to shooting, to passing. Each day will have a theme to begin the night off in a positive way, and multiple, fun individual as well as team competitions will take place throughout the week. The clinic will be split according to grade, and skills and drills will be chosen accordingly.

Location: NHS A Gym

Grades 4–8	August 3–5	4:00pm–7:00pm	\$125
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NCE Adult Programs has unique offerings in store this summer for high school students, college students, and adults. Included in the offerings: Walking tours in Boston; Open Studios; Beginning Golf Clinic for Women; Drawing from Nature; Basket Weaving; Try Scuba (for adults and families); Bicycle Safety, Riding Skills and Basic Mechanics; SAT test prep and college application programs; Intro to Family Camping, and more! Details can be found by mid-March in the NCE Adult Summer 2020 catalog on the NCE website: www.needham.k12.ma.us/Community_Ed

Questions? Contact Amy Goldman, NCE Adult Program Director, at amy_goldman@needham.k12.ma.us or 781-455-0400 x11214.



LANGUAGE ASSISTANCE SERVICES

ATTENTION: If you speak a language other than English, language assistance services are available to you free of charge. Contact Student Support Services at 781-455-0400 x213 or penny_belezos@needham.k12.ma.us for assistance.

ATENCIÓN: Si usted habla un idioma que no sea el inglés, hay servicios de asistencia lingüística disponibles gratis. Contacte Servicios de Apoyo para Estudiantes al 781-455-0400 x213 o penny_belezos@needham.k12.ma.us para que le ayudemos.

ATENÇÃO: Se fala um idioma diferente do Inglês, os serviços de assistência lingüística estão disponíveis gratuitamente para si. Entre em contato com os Serviços de Apoio ao Aluno através do número 781-455-0400 x213 ou penny_belezos@needham.k12.ma.us para obter assistência.

ВНИМАНИЕ: Если вы не говорите на английском языке, для вас доступны бесплатные сервисы на вашем языке. Обратитесь в службу поддержки студентов по телефону 781-455-0400 x213 или по email penny_belezos@needham.k12.ma.us.