



summer explorations

Needham Community Education



Summer Explorations 2019

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, sports and fitness, cooking, fine and performing arts, culture, crafts, technology, engineering and more to appeal to the inquisitive, active, and creative child!

Program dates:

Week 1: July 1–3

Week 2: July 8–12

Week 3: July 15–19

Week 4: July 22–26



Summer Explorations 2019

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

Students participating in both morning and afternoon sessions, or full-day classes **bring their own lunch** from home and stay for a supervised lunch period with their friends at their program site. The program runs for four weeks in July and students may register for classes in any or all of the weeks.

Program Locations:

The Broadmeadow School will have classes for rising grades 1–5 and the High Rock School will have classes for rising grades 3–9. Our “Summer Theater Variety Show” and “Theater Set Design and Construction” programs will be held in Week 4 at the Broadmeadow School. No transportation is provided between locations.

Program Dates:

Week 1: July 1–3

Week 2: July 8–12

Week 3: July 15–19

Week 4: July 22–26

Needham Public Schools

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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.

➤ **Register online* beginning at 7:00am on Thursday, March 14th.** Use this link to register: <http://needham.schoolpay.com/link/NCEsummer2019>
**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-445-0400 (press 5).*

➤ **Please review all class details carefully before registering.**

➤ **Grade Ranges:** Grade ranges represent the grade the child will be entering in the fall of 2019.

➤ Catalog Contents:

Page 3: Important program information and policies

Pages 4–7: Week at a Glance schedule of offerings

Page 27: Scholarship information

Pages 32–33: Additional NCE summer programs

Needham Community Education

Needham Community Education (NCE) is an office of the Needham Public Schools and combines a number of out-of-school time programs into one administrative office. Programs are self-sustaining and include elementary and middle school after school programs, Adult Education, Summer Explorations and other summer programs, Kindergarten Enrichment (KASE) and more. We hope to provide quality lifelong learning experiences that are accessible to children, teens and adults. We seek to offer interesting educational, cultural, and skill-building classes at a reasonable cost.

Contact Information:

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

Phone: 781-455-0400 (option 5)

Fax: 781-455-0417

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

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

Important Information

Non-Residents:

Non-residents are welcome to participate.

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.

Wait Lists:

If you would like to add your child to a wait list for a full class, please email: Carolyn Colonna, NCE Program Director, carolyn_colonna@needham.k12.ma.us Include the class name, week, AM/PM, your child's name and your best daytime phone number. If a spot becomes available, you will be contacted right away.

Scholarship Assistance:

Is available for students who receive free or reduced lunch. See page 27 of this catalog for additional information.

For Parents of Students with Special Needs:

Summer Explorations classes are open to all, and every effort will be made to accommodate students with special needs. Please contact Carolyn Colonna, NCE Program Director, carolyn_colonna@needham.k12.ma.us if you would like guidance as to which programs may be the best fit for your child.

For Students with IEPs:

Summer Explorations staff members have no access to IEPs. Please provide any relevant information when registering your child.

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.**

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.

Supervised Lunch:

Students enrolled in both a morning AND an afternoon class, OR a full-day class, will enjoy a supervised lunch in the Broadmeadow or High Rock cafeteria. Lunches must be brought from home. No transportation is provided between program locations.

No Transportation Provided:

No transportation is provided for Summer Explorations.

Registration Policies:

Refund Policy:

Withdrawals (minus a \$30 processing fee) will be accepted until May 3, 2019. 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 3, 2019.

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.

Drop Off and Pick Up:

Drop Off:

There will be no adult supervision until 15 minutes prior to the start of class. At each Summer Explorations location, students will gather in a designated waiting area. The On-Site Coordinator will supervise the children until the instructors arrive to take attendance and to escort the students to their classrooms.

Absence:

If your child will be absent, please call the Community Education Office, 781-455-0400 (press 5), **before 8:30am**.

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 \$1.70/each additional 5-minute period that the On-Site Coordinator remains with your child. Needham Community Education 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 any questions regarding registration, please feel free to contact: Carolyn Colonna
Summer Explorations Program Director
Needham Community Education Office
781-455-0400 (option 5).
carolyn_colonna@needham.k12.ma.us



Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Sports of All Sorts I	Grades: 1–2	Paula Kelley
Sensational Scientists	Grades: 1–3	Ellen Porter
Superheroes with a Twist	Grades: 1–3	Beth Batchman
Beginning Coding	Grades: 2–4	Nicole Piatelli and Kelly Robinson
Breakfast Club (<i>cooking class</i>)	Grades: 3–5	Elaine McKenna and Christine Shelly
Sports of All Sorts II	Grades: 3–5	Moore Dodge
Yarn Art	Grades: 3–5	Laura McGovern and Liddy Demirjian
CANCELLED: Let's Chill: Winter in July	Grades: 1–3	Tracy Gay and Caitlin MacDonald
CANCELLED: Stars and Stripes Forever	Grades: 1–3	Laurie Kraemer and Jen Priesing

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Beginning Coding	Grades: 1–3	Nicole Piatelli and Kelly Robinson
Planes, Trains and Automobiles	Grades: 1–3	Ellen Porter
Yarn Art	Grades: 1–3	Laura McGovern and Liddy Demirjian
Printing and Stamping	Grades: 2–5	Laurie Kraemer
Basketball and More II	Grades: 3–5	Moore Dodge and Glen Hopkins
Breakfast Club (<i>cooking class</i>)	Grades: 3–5	Elaine McKenna and Christine Shelly
CANCELLED: Bugs, Butterflies and Blossoms	Grades: 1–3	Tracy Gay and Caitlin MacDonald

High Rock School (morning) // 9:00am–12:00pm		Instructor(s)
Best of Summer Camp Crafts and Games	Grades: 3–6	Joanna Caliman
Einstein's Workshop: Robotics w/LEGO Mindstorms	Grades: 3–5	Einstein's Workshop staff member
Glass Art	Grades: 3–6	Michel L'Huilier
Volleyball and More	Grades: 5–9	Kathryn Kardelis and Rosie Calland
Brunch Bunch (<i>cooking class</i>)	Grades: 6–9	Jen Tuttelman
CANCELLED: Baseball Games and Skills	Grades: 3–6	Steve Blomberg
CANCELLED: Artistic Poetry	Grades: 4–7	Laura Sechovicz
CANCELLED: Festive Fourth of July Decorations	Grades: 5–9	Jennifer Maw
CANCELLED: Geocaching & Scavenger Hunting	Grades: 5–9	Karen Vona McIntyre and Joanne Sullivan

High Rock School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Einstein's Workshop: Minecraft Architecture	Grades: 3–5	Einstein's Workshop staff member
Festive Fourth of July Decorations	Grades: 3–6	Jennifer Maw
Challenges and Games	Grades: 5–9	Paula Kelley
Improv and Acting Workshop	Grades: 5–9	Kate Donnelly and Kayla Sweeney
Patriotic Treats and Cupcake Decorating	Grades: 5–9	Karen Vona McIntyre and Joanne Sullivan
Glass Art	Grades: 5–9	Michel L'Huilier
CANCELLED: Minute to Win It	Grades: 3–5	Joanna Caliman
CANCELLED: Impressionism and Beyond	Grades: 4–6	Laura Sechovicz

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

> **Grade Ranges:** Summer Explorations grade ranges represent the grade the child will be entering in the fall of 2019.

Broadmeadow School (morning) // 8:45am–11:45am		Instructor(s)
Sports of All Sorts I	Grades: 1–2	Paula Kelley
Across the Universe	Grades: 1–3	Julie Evans
Art Explorations	Grades: 1–3	Damon Burnard
Dino-mite Dinosaurs	Grades: 1–3	Tracy Gay and Sara Hill
Fairies and Sprites	Grades: 1–3	Ellen Porter
LEGO Fever!	Grades: 1–3	Vicky Neale
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Duct Tape Creations	Grades: 3–5	Jen Priesing and Laurie Kraemer
Sports of All Sorts II	Grades: 3–5	Moore Dodge
Snack Attack	Grades: 3–5	Caitlin Concannon and Katelyn Distaso
CANCELLED: Baseball Games and Skills	Grades: 3–5	Steve Blomberg
CANCELLED: MathMagicians	Grades: 3–5	Elaine McKenna and Christine Shelly

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Basketball and More I	Grades: 1–2	Moore Dodge
It's a Small World	Grades: 1–3	Tracy Gay and Sara Hill
Sensational Scientists	Grades: 1–3	Ellen Porter
Snack Attack	Grades: 1–3	Caitlin Concannon and Katelyn Distaso
Star Wars	Grades: 1–3	Laurie Kraemer and Jen Priesing
Art Explorations	Grades: 3–5	Damon Burnard
Baking for Beginners	Grades: 3–5	Elaine McKenna and Christine Shelly
Basketball and More II	Grades: 3–5	Glen Hopkins and Michael Marcojohn

High Rock School (morning) // 9:00am–12:00pm		Instructor(s)
3D Art and Clay	Grades: 3–5	Jennie Bates
Make Your Own Dreamhouse	Grades: 3–5	Caitlin MacDonald and Kristie Griffin
A Week At Hogwarts	Grades: 3–6	Tracy Ahrens and Mollie Baker
Improv and Acting Workshop	Grades: 4–6	Kate Donnelly and Kayla Sweeney
Mission: Escape the Room	Grades: 5–9	Karen Vona McIntyre and Amy Sweeney
Robotics	Grades: 5–9	Nicole Piatelli and Kelly Robinson
Team Sports	Grades: 5–9	Mike Ciccolella
Glass Art	Grades: 6–9	Michel L'Huillier
Mind, Body and Soul: Crafting Your Inner Self	Grades: 6–9	Sascha D'Angelo and Julianne Pizzi
Pockets, Pockets, Pockets (<i>cooking class</i>)	Grades: 6–9	Jen Tuttelman and Jeff Weinstein
CANCELLED: Science in a Jar	Grades: 3–5	Erin McElhinney

High Rock School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Are You up for the Challenge	Grades: 3–5	Karen Vona McIntyre and Vicky Neale
Glass Art	Grades: 3–5	Michel L'Huillier
Design Your Own Board Game	Grades: 3–6	Tracy Ahrens Mollie Baker
Creative Writing: Fiction Fun!	Grades: 5–8	Laura Sechovicz
Challenges and Games	Grades: 5–9	Paula Kelley
Engineering: Chaos Tower	Grades: 5–9	Nicole Piatelli and Kelly Robinson
3D Art and Clay	Grades: 6–9	Jennie Bates
Pockets, Pockets, Pockets (<i>cooking class</i>)	Grades: 6–9	Jen Tuttelman and Jeff Weinstein
CANCELLED: Make Your Own Treehouse	Grades: 3–5	Caitlin MacDonald and Kristie Griffin

High Rock 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)
Sports of All Sorts I	Grades: 1–2	Paula Kelley
Across the Universe	Grades: 1–3	Julie Evans
American Girls: Past and Present	Grades: 1–3	Rosemary Calland and Theresa Levy
Cool Jewelry	Grades: 1–3	Sarah Donovan
LEGO Gizmos, Gadgets and Gears	Grades: 1–3	Vicky Neale
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Art Explorations	Grades: 3–5	Damon Burnard
Gotta Dance	Grades: 3–5	Alexa LeGuyader
Scrapbooking for Kids	Grades: 3–5	Katrina Martyn
Sports of All Sorts II	Grades: 3–5	Moore Dodge
CANCELLED: Dino-mite Dinosaurs	Grades: 1–3	Tracy Gay and Sara Hill
CANCELLED: Mad Scientists	Grades: 3–5	Elaine McKenna and Christine Shelly

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
Basketball and More I	Grades: 1–2	Moore Dodge
All About Pets	Grades: 1–3	Tracy Gay and Kayla Bedigan
Art Explorations	Grades: 1–3	Damon Burnard
Kitchen Science	Grades: 1–3	Caitlin Concannon and Katelyn Distaso
Story Makers	Grades: 1–3	Janine Everts
Baking for Beginners II	Grades: 3–5	Elaine McKenna and Christine Shelly
Basketball and More	Grades: 3–5	Glen Hopkins and Michael Marcojohn
Duct Tape Creations	Grades: 3–5	Jen Priesing and Laurie Kraemer

High Rock School (morning) // 9:00am–12:00pm		Instructor(s)
Make Your Own Dreamhouse	Grades: 3–5	Caitlin MacDonald and Kristie Griffin
A Week At Hogwarts	Grades: 3–6	Tracy Ahrens
Magical Art	Grades: 3–6	Jonathan DiNapoli
Engineering Bridges	Grades: 4–6	Tamara Hosford Keough
Kids Can Cook	Grades: 5–7	Cathy Herndon and Jen Murray
Team Sports	Grades: 5–9	Mike Ciccolella
3D Art and Clay	Grades: 6–9	Jennie Bates
Dungeons and Dragons	Grades: 6–9	Cristian Marano
Intro to A Cappella	Grades: 6–9	Kayla Sweeney
Screenplay Writing	Grades: 6–9	Joanna Caliman
CANCELLED: Earthquake Towers	Grades: 5–9	Nicole Piatelli and Kelly Robinson

High Rock School (afternoon) // 12:30pm–3:30pm		Instructor(s)
3D Art and Clay	Grades: 3–5	Jennie Bates
Einstein’s Workshop: Code Kingdoms	Grades: 3–5	Einstein’s Workshop staff member
Robotics	Grades: 5–9	Nicole Piatelli and Kelly Robinson
Challenges and Games	Grades: 5–9	Paula Kelley
Hamilton: The Musical	Grades: 5–9	Tracy Ahrens and Vicky Neale
Kids Can Cook	Grades: 5–9	Jen Murray and Caitlin MacDonald
Magic: The Gathering	Grades: 6–9	Cristian Marano
CANCELLED: Minute to Win It	Grades: 3–5	Joanna Caliman
CANCELLED: Sew Fun	Grades: 3–5	Jasmine Sanders
CANCELLED: Printmaking Studio	Grades: 5–9	Anne Nydam

High Rock 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)
Sports of All Sorts I	Grades: 1–2	Paula Kelley
Cool Jewelry	Grades: 1–3	Sarah Donovan
LEGO Fever!	Grades: 1–3	Vicky Neale
Let's Build: Water Engineering	Grades: 1–3	Liz Lee
Let's Chill: Winter in July	Grades: 1–3	Tracy Gay and Caitlin MacDonald
Mini Bakers	Grades: 1–3	Kayla Bedigan and Liz Storer
Superheroes with a Twist	Grades: 1–3	Beth Batchman
Fantasy World Creation	Grades: 3–5	Ellen Porter
Science in a Jar	Grades: 3–5	Erin McElhinney
Sports of All Sorts II	Grades: 3–5	Moore Dodge

Broadmeadow School (afternoon) // 12:15pm–3:15pm		Instructor(s)
All About Pets	Grades: 1–3	Tracy Gay and Kayla Bedigan
Art, Paint, Create	Grades: 1–3	Mackenzie Beard
Story Makers	Grades: 1–3	Janine Everts
Trains, Planes and Automobiles	Grades: 1–3	Ellen Porter
Basketball and More II	Grades: 3–5	Moore Dodge and Glen Hopkins
No Bake Baking	Grades: 3–5	Caitlin Concannon and Katelyn Distaso
Sew Fun Too	Grades: 3–5	Jasmine Sanders

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

High Rock School (morning) // 9:00am–12:00pm		Instructor(s)
Mad Scientists	Grades: 3–5	Elaine McKenna and Christine Shelly
Magical Art	Grades: 3–6	Jonathan DiNapoli
Intro to Cheerleading	Grades: 4–6	Kate Donnelly and Kayla Sweeney
Kids Can Cook	Grades: 5–7	Cathy Herndon and Jen Murray
Earthquake Towers	Grades: 5–9	Nicole Piatelli and Kelly Robinson
Inside Look at the Medical Profession*	Grades: 6–9	Beth Israel Deaconess Hospital Staff
<i>*Inside Look at the Medical Profession will take place at Beth Israel Hospital Needham</i>		
Printmaking Studio	Grades: 5–9	Anne Nydam
Volleyball and More	Grades: 5–9	Kathryn Kardelis and Rosie Calland
Speech and Debate	Grades: 6–9	Paul Wexler

High Rock School (afternoon) // 12:30pm–3:30pm		Instructor(s)
Best of Summer Camp Crafts and Games	Grades: 3–5	Joanna Caliman
Astronaut Training	Grades: 4–6	Angela DiNapoli and Jonathan DiNapoli
Decorative Painting	Grades: 4–6	Jen Murray and Caitlin MacDonald
Baking, Beyond the Basics	Grades: 5–9	Elaine McKenna and Christine Shelly
Engineering: Chaos Towers	Grades: 5–9	Nicole Piatelli and Kelly Robinson
Challenges and Games	Grades: 5–9	Paula Kelley
CANCELLED: Explorers and Expeditions	Grades: 3–5	Kathryn Kardelis
CANCELLED: Improv and Acting Workshop	Grades: 5–9	Kate Donnelly and Kayla Sweeney

High Rock 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

Class Details

Grade Ranges: Grade ranges represent the grade the child will be entering in the fall of 2019.

For Parents of Students with Special Needs: Summer Explorations classes are open to all, and every effort will be made to accommodate students with special needs. Please contact Carolyn Colonna, NCE Program Director, carolyn_colonna@needham.k12.ma.us if you would like guidance as to which programs may be the best fit for your child.



3D Art and Clay

Instructor(s): Jennie Bates, Hillside Art Teacher

*** NEW *** 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

High Rock School

Grades: 3–5	July 8–12	9:00am–12:00pm	\$229
Grades: 6–9	July 8–12	12:30–3:30pm	\$229
Grades: 6–9	July 15–19	9:00am–12:00pm	\$229
Grades: 3–5	July 15–19	12:30–3:30pm	\$229

A Week At Hogwarts

Instructor(s): Tracy Ahrens, Broadmeadow Teaching Assistant

*** NEW *** A new twist on our very popular “Harry Potter’s World” class! 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 10 students

High Rock School

Grades: 3–6	July 8–12	9:00am–12:00pm	\$229
Grades: 3–6	July 15–19	9:00am–12:00pm	\$229

Across the Universe

Instructor(s): Julie Evans, Newman Teaching Assistant

*** NEW *** 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 10 students

Broadmeadow School

Grades: 1–3	July 8–12	8:45–11:45am	\$209
Grades: 1–3	July 15–19	8:45–11:45am	\$209

All About Pets

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

Whether you’re a pet owner or just a pet dreamer, you’ll have a doggone good time enjoying a week of games, art, projects, storytelling, dramatic play and learning about the pets we love. Fetch some fun and useful facts about dogs, cats, feathers, fins, rabbits and rodents in your own pet journal. Put your skills to the test in the dramatic play centers including a pet store, vet and grooming area. After learning about rescue and shelter animals, we will design a donation box to collect supplies to help animals in a local shelter. We will even have a special guest pet visitor for a day! Join us for a purrfectly wonderful week as we learn all about the joys and responsibilities of owning a pet.

➤ **Allergy Alert:** *We will have a special guest pet visitor once during the week. Please alert us to any allergies when registering.*

Limited to 15 students

Broadmeadow School

Grades: 1–3	July 15–19	12:15–3:15pm	\$209
Grades: 1–3	July 22–26	12:15–3:15pm	\$209

American Girls: Past and Present

Instructor(s): Rosie 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 15 students

Broadmeadow School

Grades: 1–3	July 15–19	8:45–11:45am	\$209
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Are You Up for the Challenge

Instructor(s): Karen Vona McIntyre, NHS Library Technical Assistant and Vicky Neale, High Rock Teaching Assistant

This program will encourage you to create and discover... where risk is rewarded and curiosity is promoted. Teamwork and brainstorming will add to the fun. Each day will begin with a new project that you and a teammate will tackle together. Your completed projects will be tested and redesigned, if needed, then presented to the group. Our daily challenges may include projects such as "The Egg Drop", "Float a Boat", "Build a Tower", "Create a Catapult" and "Build a Bridge"!

➤ **Allergy Alert:** Children will be eating and working with food products (including eggs) during this course. Please alert us to any food allergies when registering.

Limited to 12 students

High Rock School

Grades: 3–5	July 8–12	12:30–3:30pm	\$209
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Art Explorations

Instructor(s): Damon Burnard, NHS Visual Arts Teacher (former Art Teacher at Broadmeadow), Published children book writer/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): creating pop-up books and kaleidoscopes, making prints with rollers, ink, and sunlight, painting on paper and 3D surfaces, building plaster sculptures and elaborate paper constructions, making simple weavings, sewing soft sculptures, and assembling collages and puppets.

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 8–12	8:45–11:45am	\$229
Grades: 3–5	July 8–12	12:15–3:15pm	\$229
Grades: 3–5	July 15–19	8:45–11:45am	\$229
Grades: 1–3	July 15–19	12:15–3:15pm	\$229

Art, Paint, Create

Instructor(s): Mackenzie Beard, Pollard 8th Grade ELA Teacher

* **NEW** * Have you ever wanted to create a masterpiece but felt like you didn't know where to start? Then this is the class for you! Each day we will create a new artistic project with a guided, step-by-step approach. We will even mix in some artistic free-time!

You are guaranteed to leave with a work of art you are proud of! NO artistic talent required; painters of all levels welcome.

➤ **Note:** We will be painting so please bring a smock, old shirt or wear clothing that you don't mind getting dirty!

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 22–26	12:15–3:15pm	\$229
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Artistic Poetry - CANCELLED

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

* **NEW** * Poems hide just about anywhere! They can be found in our favorite colors, memories, and even in everyday items like grocery store lists. Students will use figurative language to compose their own poems. Then they will use various art mediums, such as watercolors and oil pastels, to decorate or enhance their poems. Time will be given at the end of classes to share poems.

Limited to 10 students

High Rock School

Grades: 4–7	July 1–3	9:00am–12:00pm	\$149
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Astronaut Training

Instructor(s): Angela DiNapoli, Retired Newman 5th Grade Teacher

Calling all future space travelers. Prepare for a space odyssey without leaving Planet Earth. You will train for a mission to an alien planet of your own creation. Our astronaut training activities will prepare us for docking our spacecraft, communicating, making meals from dehydrated food, etc. There will also be a lesson about gravity and experiments including designing and launching bottle rockets. Together we will embark in a flying saucer to do activities that simulate traveling through space, working in a weightless environment, and being disoriented.

As we travel through our Solar System we will attempt to launch and land a craft safely on each planet using a computer program specifically designed for this mission. To practice exploring our fictional planet, we will examine Earth through alien eyes, doing experiments that involve life, earth, and physical sciences. We will work as a team to successfully complete our mission and have a wonderful adventure.

➤ **Allergy Alert:** Children will be eating and working with food products during this course. Please alert us to any food allergies when registering.

Limited to 10 students

High Rock School

Grades: 4–6	July 22–26	12:30–3:30pm	\$249
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Baking for Beginners

Instructor(s): Elaine McKenna, Hillside Math Coach and Christine Shelly, Hillside Special Education Teacher

Baking is fun to do and easy to learn. You 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. We will 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.

- **Allergy Alert:** Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.

Limited to 12 students

Broadmeadow School

Grades: 3–5	July 8–12	12:15–3:15pm	\$249
Grades: 3–5	July 15–19	12:15–3:15pm	\$249

Baking, Beyond the Basics

Instructor(s): Elaine McKenna, Hillside Math Coach and Christine Shelly, Hillside 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.

- **Allergy Alert:** Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.

Limited to 12 students

High Rock School

Grades: 5–9	July 22–26	12:30–3:30pm	\$249
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Baseball Games & Skills – CANCELLED

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, learn fundamentals and learn some interesting facts about the history of our national pastime.

- **Note:** Players should bring a glove and baseball hat every day.

Limited to 16 students

High Rock School

Grades: 3–6	July 1–3	9:00am–12:00pm	\$139
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Broadmeadow School

Grades: 3–5	July 8–12	8:45–11:45am	\$189
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Basketball and More I

Instructor(s): Moore Dodge, NHS Social Studies Teacher

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 the class playing classic summer games such as Capture the Flag, freeze tag, relay races, musical spots, and much more.

Limited to 10 students

Broadmeadow School

Grades: 1–2	July 8–12	12:15–3:15pm	\$189
Grades: 1–2	July 15–19	12:15–3:15pm	\$189

Basketball and More II

Instructor(s): Weeks 1 and 4: Moore Dodge, NHS Social Studies Teacher and Glen Hopkins, NHS Wellness Teacher; Weeks 2 and 3: Glen Hopkins, NHS Wellness Teacher and Michael Marcojohn, Pollard Experiential Ed/Health Teacher

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 the class playing classic summer games such as Capture the Flag, freeze tag, relay races, musical spots, and much more.

Limited to 18 students

Broadmeadow School

Grades: 3–5	July 1–3	12:15–3:15pm	\$139
Grades: 3–5	July 8–12	12:15–3:15pm	\$189
Grades: 3–5	July 15–19	12:15–3:15pm	\$189
Grades: 3–5	July 22–26	12:15–3:15pm	\$189

Beginning Coding

Instructor(s): Nicole Piatelli, Pollard 8th Grade Science Teacher and Kelly Robinson, Pollard Engineering & Design 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 lightening connector will not be compatible).

Limited to 14 students

Broadmeadow School

Grades: 2–4	July 1–3	8:45–11:45am	\$159
Grades: 1–3	July 1–3	12:15–3:15pm	\$159

Best of Summer Camp Crafts and Games

Instructor(s): Joanna Caliman, High Rock ELA Teacher

Join us for a week of summer fun as we enjoy a variety of crafts and activities that would be found at a traditional summer camp! Enjoy a little friendly competition with relay races, sack races, tag, board games and water balloon toss. Get crafty and creative as we make friendship bracelets, tie-dye art and more! Learn the value of teamwork, make new friends and enjoy summer with this action-packed class!

➤ **Allergy Alert:** *Children will be eating and working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

Now open to grades 3–6!

High Rock School

Grades: 3–6	July 1–3	9:00am–12:00pm	\$149
Grades: 3–6	July 22–27	12:30–3:30pm	\$229

Breakfast Club

Instructor(s): Elaine McKenna, Hillside Math Coach and Christine Shelly, Hillside Special Education Teacher

*** NEW *** 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.

➤ **Allergy Alert:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Broadmeadow School

Grades: 3–5	July 1–3	8:45–11:45am	\$169
Grades: 3–5	July 1–3	12:15–3:15pm	\$169

**Register online* beginning at
7:00am on Thursday, March 14th.**

Use this link to register:

<http://needham.schoolpay.com/link/NCEsummer2019>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 (press 5).*

Brunch Bunch

Instructor(s): Jen Tuttelman, Needham Public Schools Nutrition Outreach Coordinator

*** NEW *** 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.

➤ **Allergy Alert:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

High Rock School

Grades: 6–9	July 1–3	9:00am–12:00pm	\$169
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Bugs, Butterflies and Blossoms – CANCELLED

Instructor(s): Tracy Gay, Hillside/Newman COTA/L (Licensed & Certified Occupational Therapy Assistant) and Caitlin MacDonald, Newman 3rd Grade Teaching Assistant

Did you know that there are more than 350,000 different types of beetles, or that a Monarch butterfly is the only butterfly that migrates both south and north? Collect fascinating facts like these in your science journal as we learn all about bugs, butterflies and blossoms. We will take a trip outside to observe native insects and plants in their natural world. Science and art combine to help you create seed collages, beehive art and butterfly designs. Try out your green thumb when you make your own open terrarium and show your creativity to design your own flower vase. Mix in some games and fiction book fun and you have a short week that is jam packed with educational entertainment sure to please any budding nature enthusiast out there!

➤ **Note:** *Bring a smock to class as some projects get messy.*

➤ **Allergy Alert:** *Children will be handling food products (including, but not limited to, seeds and beans) and exploring nature during this course. Please alert us to any food and/or environmental allergies when registering.*

Limited to 15 students

Broadmeadow School

Grades: 1–3	July 1–3	12:15–3:15pm	\$149
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Challenges and Games

Instructors will be a combination of the following (two instructors per week): Paula Kelley, Pollard Wellness Instructor; Renee Campana, Pollard Special Ed Teacher; Julie Vona, Pollard Special Ed Teacher; Kerry Eaton, former High Rock PE Teacher; Kathleen Kelley, Milton High School History Teacher; and Michael Marcojohn, Pollard Experiential Ed/Health Teacher

Do you love Survivor, Wipe out and A Minute to Win It? Then come join the fun! If you enjoy physical and mental challenges and love games that are not traditional team sports, then this is the place for you. Activities will include relay races, obstacle courses, scooters and more. We will play Squirrel Hunt, Battle Ball, Cone of Life, Two Camps, Mat Ball, Capture the Flag, and other favorite games. The excitement never ends and the games and challenges change continuously! This course will leave you invigorated, exhausted and a bit sweaty. It will also enable you to meet, battle and have fun with a group of new friends.

Limited to 25 students

High Rock School

Grades: 5–9	July 1–3	12:30–3:30pm	\$139
Grades: 5–9	July 8–12	12:30–3:30pm	\$189
Grades: 5–9	July 15–19	12:30–3:30pm	\$189
Grades: 5–9	July 22–26	12:30–3:30pm	\$189

Cool Jewelry

Instructor(s): Sarah Donovan, Cambridge Public Schools, 2nd Grade Special Educator and Mikaela Buchinski, King Open School (Cambridge), 2nd 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 10 students

Broadmeadow School

Grades: 1–3	July 15–19	8:45–11:45am	\$229
Grades: 1–3	July 22–26	8:45–11:45am	\$229

Creative Writing: Fiction Fun!

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

Calling all writers and campers with active imaginations! Students will compose fiction in a supportive atmosphere using interesting writing prompts, constructive templates, and guided instruction. Students can incorporate art in their writing projects if they choose to do so. All writing levels welcome!

Limited to 10 students

High Rock School

Grades: 5–8	July 8–12	12:30–3:30pm	\$209
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Decorative Painting

Instructor(s): Jennifer Murray, Newman School Librarian and Caitlin MacDonald, Newman 3rd Grade Teaching Assistant

*** NEW *** Join us to learn how to transform something plain into a colorful work of art that showcases your own personal style. Each day we will learn a new painting technique, such as, ombre, stenciling, color washing, and more, that can be applied to wooden items. We will provide small wooden pieces that you'll transform using your favorite techniques and can take home to decorate your space. You are also encouraged to bring in a larger piece that you can work on throughout the week if you wish.

➤ **Note 1:** *We will be painting so please bring a smock, old shirt or wear clothing that you don't mind getting dirty!*

➤ **Note 2:** *Small wooden objects will be provided during class. Students are also encouraged to bring one larger wooden item from home to transform throughout the week, if they wish (this is optional and not necessary for participation in the class).*

Limited to 14 students

High Rock School

Grades: 4–6	July 22–26	12:30–3:30pm	\$229
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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

High Rock School

Grades: 3–6	July 8–12	12:30–3:30pm	\$209
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**Register online* beginning at
7:00am on Thursday, March 14th.**

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Dino-mite Dinosaurs

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

*** NEW *** 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 learn about dinosaur habitats, 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:** *Please bring a smock or old shirt to class each day as some of our activities may get messy.*

Limited to 15 students

Broadmeadow School

Grades: 1-3	July 8-12	8:45-11:45am	\$209
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Grades: 1-3	July 15-19	8:45-11:45am	\$209
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**July 15th week has been cancelled*

Duct Tape Creations

Instructor(s): Jennifer Priesing, Learning Prep School (Newton) Special Education Teacher and Laurie Kraemer, Newman 1st Grade Teaching Assistant

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 find to see what creative inventions we will surprise you with!

Limited to 14 students

Broadmeadow School

Grades: 3-5	July 8-12	8:45-11:45am	\$229
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Grades: 3-5	July 15-19	12:15-3:15pm	\$229
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Dungeons and Dragons

Instructor(s): Cristian Marano, Newman Teaching Assistant

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 10 students

High Rock School

Grades: 6-9	July 15-19	9:00am-12:00pm	\$209
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Earthquake Towers

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

*** NEW *** Are you up for the challenge to design and construct a skyscraper that can withstand a 10.0 earthquake? Come and spend the week with us to see! We will work in small groups to build a scale model of a skyscraper and at the end of the week test it on an earthquake simulation table, to see how long it can withstand destruction.

Limited to 14 students

High Rock School

Grades: 5-9*	July 15-19	9:00am-12:00pm	\$229
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Grades: 5-9	July 22-26	9:00am-12:00pm	\$229
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**July 15th week has been cancelled*

Einstein's Workshop: Code Kingdoms

Instructor(s): Einstein's Workshop staff member

*** NEW *** Learn to create your own Mods for Minecraft using this simple tool for teaching JAVA! Code Kingdoms is a coding interface which allows students to code on several levels from very simple "block coding" with pictures, to more complex JAVA. This class is a great introduction to more advanced coding and no experience is necessary.

Limited to 12 students

High Rock School

Grades: 3-5	July 15-19	12:30-3:30pm	\$249
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Einstein's Workshop: Minecraft Architecture

Instructor(s): Einstein's Workshop staff member

*** NEW *** Minecraft is more than just a game. It is a creative tool which allows players to create amazing structures, scenes and works of art. With hundreds of blocks and items students will learn how to engage in "constructive play" as they design and build their structures. Students will work in the same world and learn the meaning of good "digital citizenship" and working together. There is no one theme for this class and students can choose to create from their imagination or use real world reference material for their inspiration.

Limited to 12 students

High Rock School

Grades: 3–5	July 1–3	12:30–3:30pm	\$169
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Einstein's Workshop: Robotics with LEGO Mindstorms

Instructor(s): Einstein's Workshop staff member

Are you interested in robotics? We'll take you from the basics of building and movement to advanced navigation, sensors, and teaching the robot how to make decisions for itself! LEGO Mindstorms is a great system to build your robot and then use the drag-and-drop coding software to give it commands. This is a great first step for anyone any child including students interested in competitive robotics.

Limited to 12 students

High Rock School

Grades: 3–5	July 1–3	9:00am–12:00pm	\$169
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Engineering Bridges

Instructor(s): Tamara Hosford Keough, High Rock 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:** *Children will be working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

High Rock School

Grades: 4–6	July 15–19	9:00am–12:00pm	\$209
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Engineering: Chaos Towers

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

*** NEW *** The chaos tower is a fascinating display of motion. Balls travel from the top of the tower to the bottom in a complicated way. You can design your own twists and turns and other obstacles for the balls to go through. The end result is a beautiful display of seemingly chaotic motion, much like the kind you would imagine exists in an eccentric inventor's workshop.

Test and improve your visualization skills and basic understanding of physics. By placing turns, inclines, baskets, and other components in the right places you can create an exciting path for the balls to travel on the way down. If you encounter a problem and the ball gets stuck somewhere, or falls off, you just tweak the design until the problem is fixed. The number of designs you can come up with are practically infinite.

Limited to 14 students

High Rock School

Grades: 5–9	July 8–12	12:30–3:30pm	\$229
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Grades: 5–9	July 22–26	12:30–3:30pm	\$229
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**Register online* beginning at
7:00am on Thursday, March 14th.**

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Please contact NCE for assistance at 781-445-0400 (press 5).

Explorers & Expeditions – CANCELLED

Instructor(s): Kathryn Kardelis, NHS English Instructor

*** NEW *** This class will cover many famous explorers and expeditions! You'll learn about adventurers like Lewis and Clark and Isabella Bird, explore some of the most exciting expeditions from the deep sea to outer space, and even create some adventures of your own. This program will cover new explorers and expeditions each day and will be highly interactive—you'll go on scavenger hunts, create group art projects, and use your imagination to map out your own adventure.

Limited to 10 students

High Rock School

Grades: 3–5	July 22–26	12:30–3:30pm	\$209
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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!

➤ **Allergy Alert:** *Children will be working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 8–12	8:45–11:45am	\$209
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Fantasy World Creations

Instructor(s): Ellen Porter, Eliot Teaching Assistant

If you are creative and are intrigued by the fantasy worlds of Minecraft, wizards, fairies, mermaids or even robots, this class is for you! In this class, we will construct amazing fantasy worlds using a huge selection of materials. You will be able to take your fantasy world home with you at the end of the week!

Limited to 10 students

Broadmeadow School

Grades: 3–5	July 22–26	8:45–11:45am	\$209
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Festive Fourth of July Decorations

Instructor(s): Jennifer Maw, NHS Library Specialist

*** NEW *** 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

High Rock School

Grades: 5–9	July 1–3	9:00am–12:00pm	\$149
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Grades: 3–6	July 1–3	12:30–3:30pm	\$149
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Geocaching & Scavenger Hunting

Instructor(s): Karen Vona McIntyre, NHS, Library Technical Assistant and Joanne Sullivan NHS Special Ed TA

If you like adventure, teamwork and being outdoors then join us on a scavenger hunt and Geocaching adventure! We will scavenge around Needham Center and Geocache in the Needham Town Forest and Rosemary Lake. We will learn about Geocaching, how to use a GPS to locate caches and how to use your own creativity to setup your own geocache or scavenger hunt.

➤ **Note 1:** *It is recommended, but not required, that you bring a smartphone with GPS capabilities to class.*

➤ **Note 2:** *Please plan to wear comfortable shoes and bring a water bottle and snack everyday. Allergy Alert: Children will be eating food products during this course. Please alert us to any food allergies when registering.*

Limited to 16 students

High Rock School

Grades: 5–9	July 1–3	9:00am–12:00pm	\$159
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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 15 students

High Rock School

Grades: 3–6	July 1–3	9:00am–12:00pm	*\$119
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Grades: 5–9	July 1–3	12:30–3:30pm	*\$119
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***Class requires an additional \$50.00 materials fee payable to the instructor. Details to follow upon registration.**

Grades: 6–9	July 8–12	9:00am–12:00pm	**\$164
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Grades: 3–5	July 8–12	12:30–3:30pm	**\$164
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****Class requires an additional \$85.00 materials fee payable to the instructor. Details to follow upon registration**

Gotta Dance

Instructor(s): Alexa Leguyader, Hillside 4th Grade Teaching Assistant

*** NEW *** 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

Broadmeadow School

Grades: 3–5	July 15–19	8:45–11:45am	\$209
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Hamilton: The Musical

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

*** NEW *** 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 12 students

High Rock School

Grades: 5–9	July 15–19	12:30–3:30pm	\$209
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iMovie

> FULL DAY CLASS

Instructor(s): Karen Vona McIntyre, NHS Library Technical Assistant, Gabe Guerra, Newman Media Technology Assistant

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 greenscreen 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: *Needham Public Schools 6–8 grade students must bring their school-issued iPad, other students must bring a smartphone or tablet that has video-taking capabilities. All students should also bring a USB charging cable for data transfer.*

Limited to 15 students

High Rock School

Grades: 5–9	July 15–19	9:00am–3:30pm	\$439
Grades: 5–9	July 22–26	9:00am–3:30pm	\$439

Impressionism & Beyond – CANCELLED

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

*** NEW *** Paint like Monet and Van Gogh! We will learn about famous artists and their artistic techniques before creating our own masterpieces with various mediums (acrylics, watercolors, oil pastels).

> Note: *We will be painting so please bring a smock, old shirt or wear clothing that you don't mind getting dirty!*

Limited to 10 students

High Rock School

Grades: 4–6	July 1–3	12:30–3:30pm	\$159
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Improv and Acting Workshop

Instructor(s): Kate Donnelly, High Rock Speech-Language Pathologist and Kayla Sweeney, High Rock 6th Grade ELA Long-Term Sub

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 14 students

High Rock School

Grades: 5–9	July 1–3	12:30–3:30pm	\$149
Grades: 4–6	July 8–12	9:00am–12:00pm	\$209
Grades: 5–9	July 22–26	12:30–3:30pm	\$209

**July 22nd week has been cancelled*

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. Students enrolled in an afternoon program at High Rock will be escorted, on foot, back to High Rock by a Summer Explorations staff member. Additional details and directions to be shared once enrolled.*

Limited to 12 students

Beth Israel Deaconess Hospital-Needham Outpatient Clinical Center

Grades: 6–9	July 22–26	9:00am–12:00pm	\$209
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Intro to A Cappella

Instructor(s): Kayla Sweeney, High Rock 6th Grade ELA Long-Term Sub

*** NEW *** Learn the basics of creating an a cappella version of a song! We will do activities that will teach you harmonies, beat boxing, and how to use varied patterns to add variety to your music. Share and collaborate with classmates to provide and receive suggestions and constructive ideas on each other's work. You'll finish the session with your own completed short song.

➤ **Note:** *Students will need to bring either a USB attachable microphone or headphones with a microphone built in to class each day (a common example of headphones with a built-in microphone are Apple Earbuds).*

Limited to 10 students

High Rock School

Grades: 6–9	July 15–19	9:00am–12:00pm	\$209
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Intro to Cheerleading

Instructor(s): Kate Donnelly, High Rock Speech-Language Pathologist and Kayla Sweeney, High Rock 6th Grade ELA Long-Term Sub

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

High Rock School

Grades: 4–6	July 22–26	9:00am–12:00pm	\$209
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Register online* beginning at 7:00am on Thursday, March 14th.

Use this link to register:

<http://needham.schoolpay.com/link/NCEsummer2019>

**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-445-0400 (press 5).*

It's a Small World

Instructor(s): Tracy Gay, Hillside/Newman Occupational Therapy Assistant, and Sarah Hill, Newman Occupational Therapist

Disney's imagination spans the world and so will yours when we learn about customs and cultures of countries that inspired the creation of beloved Disney stories. Have you ever wondered what it's like to live in France like Belle or in China like Mulan? Have your passport handy and get ready to travel through a week packed with crafts, games, art, music, dance, geography and foreign language as we discover faraway lands where Disney stories take place. Discover pointillism painting and firework art. Try to do the Mexican Hat Dance and compete in our own version of the Highland Games. We will also investigate where we live in the world, the US. Learn about the flag, famous landmarks and practice speaking the language for each of the countries we "visit." Get to know these exciting places and people and you will find that it's a small world after all.

➤ **Note:** *Please bring a smock or old shirt to class each day as some of our projects can get messy.*

Limited to 15 students

Broadmeadow School

Grades: 1–3	July 8–12	12:15–3:15pm	\$209
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Kids Can Cook

Instructor(s): Morning classes: Cathy Herndon, Newman 2nd Grade Teacher and Jen Murray, Newman Media Teacher; Afternoon class: Jen Murray, Newman Media Teacher and Caitlin MacDonald, Newman 3rd Grade 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 your own apron, a recipe book and new ideas, skills and an enthusiasm for working (playing!) in the kitchen.

➤ **Note:** *Please bring empty lidded plastic containers to class each day for bringing home samples of the goods you create.*

➤ **Allergy Alert:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 14 students

High Rock School

Grades: 5–7	July 15–19	9:00am–12:00pm	\$249
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Grades: 5–9	July 15–19	12:30–3:30pm	\$249
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Grades: 5–7	July 22–26	9:00am–12:00pm	\$249
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Kitchen Science

Instructor(s): Caitlin Concannon, KASE Broadmeadow & Hillside Head Teacher and Katelyn Distaso, Newman Kindergarten Teaching Assistant

*** NEW *** 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:** *Children will be eating and working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Broadmeadow School

Grades: 1–3	July 15–19	12:15–3:15pm	\$249
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LEGO Fever!

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

Broadmeadow School

Grades: 1–3	July 8–12	8:45–11:45am	\$209
Grades: 1–3	July 22–26	8:45–11:45am	\$209

LEGO Gadgets, Gizmos and Gears

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

Broadmeadow School

Grades: 1–3	July 15–19	8:45–11:45am	\$209
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Let's Build: Water Engineering

Instructor(s): Liz 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, design a sail for speed (test it in a water run!), build bubble wands, protect ice cubes from melting, and collect rainwater for reuse. We will build, test, revise and probably get a little wet. Come build with us!

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 22–26	8:45–11:45am	\$229
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Let's Chill: Winter in July

Instructor(s): Tracy Gay, Hillside/Newman Occupational Therapy Assistant and Caitlin McDonald, Newman 3rd Grade Teaching Assistant

When summer temperatures sizzle, take a plunge into a winter wonderland of activities to melt that heat. Do you know the difference between the Arctic and Antarctic? How do polar bears stay warm? How do snow and ice form? Collect these and many more fascinating facts about the coldest places on Earth, the animals and people that live there and other "cool" things in your winter journal. We will also enjoy a blizzard of wintery science, games, dramatic play, sensory exploration and art. Some of our exciting activities include performing ice experiments, making homemade "snow", creating an aurora with ice painting, learning and practicing sled dog commands, playing winter carnival games, making homemade frozen treats such as ice cream and Popsicles, and much, much more!. Frozen fun will abound, so come chill with us as we explore winter in July.

➤ **Note:** *Please bring a smock and change of clothes to class each day as some of our projects can get messy and students may get wet when using the water table or doing ice experiments.*

➤ **Allergy Alert:** *Children will be eating and working with food products (including dairy) during this course. Please alert us to any food allergies when registering.*

Limited to 15 students

Broadmeadow School

Grades: 1–3*	July 1–3	8:45–11:45am	\$149
Grades: 1–3	July 22–26	8:45–11:45am	\$209

**July 1st week has been cancelled*

Mad Scientists

Instructor(s): Elaine McKenna, Hillside Math Coach and Christine Shelly, Hillside Special Education Teacher

Have you ever wondered why a volcano explodes? Or how the different sides of our brains work? Have you ever seen a perfectly great loaf of bread and a few days later it is growing gross green or white mold? Learn the answers to all these scientific mysteries and more! In this science class, we will perform many different experiments each day that explore the human body, life science, earth science, and space science. We will keep a journal to record our predictions of what will happen in an experiment and drawings of our favorite experiment of the day. Over the week, each student will brainstorm about an experiment they want to share with the group. On the last day, we will conclude with a mini science fair where we can all share our own experiments!

➤ **Allergy Alert:** *Children will be working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 14 students

Broadmeadow School

Grades: 3–5*	July 15–19	8:45–11:45am	\$229
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**July 15th week has been cancelled*

High Rock School

Grades: 3–5	July 22–26	9:00am–12:00pm	\$229
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Magic: The Gathering

Instructor(s): Cristian Marano, Newman Teaching Assistant

*** NEW *** 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 class is designed as an introduction to the game. Participants 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 focus of this workshop is to have fun and to learn something new about the origins of games we all know and love. Magic: The Gathering will allow students to practice mathematics, engage in executive functioning, and improve social/emotional, interpersonal and problem solving skills.

Limited to 10 students

High Rock School

Grades: 6–9	July 15–19	12:30–3:30pm	\$209
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Magical Art

Instructor(s): Jonathan DiNapoli, Art Teacher

Discover the infinite potential of the creative process, while experimenting with a wide variety of techniques, including: the secrets of the Sharpie, fine-point ink pens, acrylic paints, watercolors, colored pencils, and more. We will experiment with the styles of Realism, Surrealism, abstract art, cartoons, and illusions. One of our projects will focus on the ancient circular art form, known as mandalas. When we spin our completed mandalas, they will come alive! Come explore and develop the inner artist in yourself!

Limited to 10 students

High Rock School

Grades: 3–6	July 15–19	9:00am–12:00pm	\$229
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Grades: 3–6	July 22–26	9:00am–12:00pm	\$229
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Make Your Own Dreamhouse

Instructor(s): Caitlin MacDonald, Newman 3rd Grade Teaching Assistant and Kristie Griffin, Newman 2nd Grade Teacher

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 or a cool bookcase. You can paint or wallpaper walls, make chairs, a kitchen table, lamps, curtains, shades, windows and doors. The options are endless! We supply the materials, and you supply your imagination.

➤ **Note:** *We will be painting so please bring a smock, old shirt or wear clothing that you don't mind getting dirty!*

Limited to 12 students

High Rock School

Grades: 3–5	July 8–12	9:00am–12:00pm	\$229
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Grades: 3–5	July 15–19	9:00am–12:00pm	\$229
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Make Your Own Treehouse – CANCELLED

Instructor(s): Caitlin MacDonald, Newman 3rd Grade Teaching Assistant and Kristie Griffin, Newman 2nd Grade Teacher

*** NEW *** Have you ever wanted to build a treehouse, but don't have a tree? Well, we can help you with that! We will use branches, pinecones, boxes, cardboard, Popsicle sticks, string, and an array of other exciting items to create your own mini treehouse that you can explore with your imagination.

➤ **Note:** *We will be painting so please bring a smock, old shirt or wear clothing that you don't mind getting dirty!*

Limited to 12 students

High Rock School

Grades: 3–5	July 8–12	12:30–3:30pm	\$229
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Making Masterpieces

> FULL DAY CLASS

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

*** NEW *** This class is designed for 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 12 students

High Rock School

Grades: 6–9	July 22–26	9:00am–3:30pm	\$439
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MathMagicians – CANCELLED

Instructor(s): Elaine McKenna, Hillside Math Coach and Christine Shelly, Hillside Special Education Teacher

If you enjoy math and like to build, draw and create, you will have a lot of fun in this class! We will use our math knowledge to design and create dodecahedrons, tetrahedrons, symmetrical name insects, polygon designs, toothpick towers, and much more. To keep our math skills sharp, we will challenge ourselves to solve math problems and puzzles. All levels of math students are welcome.

> Allergy Alert: *Children will be working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 14 students

Broadmeadow School

Grades: 3–5	July 8–12	8:45–11:45am	\$209
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Mind, Body and Soul: Crafting Your Inner Self

Instructor(s): Sascha D’Angelo, Pollard Middle School Counselor and Julianne Pizzi, Pollard Middle School Counselor

*** NEW *** 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!

Limited to 14 students

High Rock School

Grades: 6–9	July 8–12	9:00am–12:00pm	\$229
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Mini Bakers

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

Young bakers will have a blast making mini treats! You will learn baking basics while you create mini pizzas, mini apple pies, mini crumcakes and many other bite-sized favorites. Decorate your own aprons, create a mini recipe book and take home delicious goodies each day.

> Allergy Alert: *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Broadmeadow School

Grades: 1–3	July 8–12	8:45–11:45am	\$249
Grades: 1–3	July 15–19	8:45–11:45am	\$249
Grades: 1–3	July 22–26	8:45–11:45am	\$249

Minute to Win It – CANCELLED

Instructor(s): Joanna Caliman, High Rock ELA Teacher

Laughs, fun and action will abound in this class! Work independently, in pairs, and in teams to take on fun challenges, with just a minute to complete each one. Challenges to include: Dizzy Mummy, Stick the Landing, Rapid Fire, Hoop de Loop, and Bucket Head among others. Meet new friends and have a blast!

> Allergy Alert: *Children will be eating and working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

High Rock School

Grades: 3–5	July 1–3	12:30–3:30pm	\$149
Grades: 3–5	July 15–19	12:30–3:30pm	\$209

Mission: Escape the Room

Instructor(s): Karen Vona McIntyre, NHS Library Technical Assistant and Amy Sweeney, Brookline Public Schools Literacy Specialist

*** NEW *** Are you an escape artist? Accept this week long mission and prove your wits by solving puzzles, riddles, and secret codes to escape before time runs out! Each day brings new adventures and increasing challenges. Collect clues, combine logic and creativity, and collaborate with your team...and you just might make it out alive!

Limited to 14 students

High Rock School

Grades: 5–9	July 8–12	9:00am–12:00pm	\$229
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No Bake Baking

Instructor(s): Caitlin Concannon, KASE Broadmeadow & Hillside Head 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 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 S’mores sushi rolls, healthy protein balls, rainbow popcorn and more! In addition to making these recipes, you will also create your own recipe box so that you can recreate these delightful treats at home.

➤ **Allergy Alert:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Broadmeadow School

Grades: 3–5	July 22–26	12:15–3:15pm	\$249
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Patriotic Treats and Cupcake Decorating

Instructor(s): Karen Vona McIntyre, NHS Library Technical Assistant

*** NEW *** 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 add festive flare to their cupcakes. For a sweet fruit treat, students will cut and skewer fruit to create star wands and a spectacular American flag!

➤ **Note:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 15 students

High Rock School

Grades: 5–9	July 1–3	12:30–3:30pm	\$169
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Register online* beginning at 7:00am on Thursday, March 14th.

Use this link to register:

<http://needham.schoolpay.com/link/NCEsummer2019>

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Planes, Trains and 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

Broadmeadow School

Grades: 1–3	July 1–3	12:15–3:15pm	\$149
Grades: 1–3	July 22–26	12:15–3:15pm	\$209

Pockets, Pockets, Pockets

Instructor(s): Jen Tuttelman, Needham Public Schools Nutrition Outreach Coordinator and Jeff Weinstein, Framingham’s Potter School 5th Grade Teacher

*** NEW *** 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!

➤ **Allergy Alert:** *Children will be eating and working with food products (including wheat, dairy and eggs) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

High Rock School

Grades: 6–9	July 8–12	9:00am–12:00pm	\$249
Grades: 6–9	July 8–12	12:30–3:30pm	\$249

Printing and Stamping

Instructor(s): Jennifer Priesing, Learning Prep School (Newton) Special Education Teacher and Laurie Kraemer, Newman 1st Grade Teaching Assistant

Everyone can print! Explore printmaking with materials you can easily find around the house such as erasers, crayons, cardboard, yarn, and plants. We will do relief prints, mono prints, and nature printing. No special skills needed, just a willingness to create and have fun!

➤ **Note:** *Please bring a smock, old shirt or wear clothing that you don’t mind getting dirty!*

Limited to 14 students

Broadmeadow School

Grades: 2–5	July 1–3	12:15–3:15pm	\$159
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Printmaking Studio

Instructor(s): Anne Nydam, Author and Illustrator

In this introduction to relief printmaking techniques, students will try a number of different ways to create prints. We will make collagraph printing plates from a variety of textured materials and create several different projects that involve carving and printing rubber blocks. Students will be introduced to some of the unique challenges 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. Parents will be invited to view our exhibited art work at the end of the last class.

Limited to 10 students

High Rock School

Grades: 5–9	July 15–19	12:30–3:30pm	\$229
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Grades: 5–9	July 22–26	9:00am–12:00pm	\$229
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**July 15th week has been cancelled*

Robotics

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

*** NEW *** 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

High Rock School

Grades: 5–9	July 8–12	9:00am–12:00pm	\$229
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Grades: 5–9	July 15–19	12:30–3:30pm	\$229
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Science in a Jar

Instructor(s): Erin McElhinney, Boston Renaissance Charter School Summer Instructor/Teacher

In this class fun and exciting class we will tie science, art and nature together, as we perform a number of different experiments and make crafts using mason jars. Students will learn about the ecosystem and aquaponics by making “aqua gardens”. We will create with organic materials building terrariums, snow globes, rainbow jars, and glow jars. Students will learn about science and art through a creative process and will have unique projects to take home every day!

➤ **Allergy Alert:** *Children will be working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

High Rock School

Grades: 3–5	July 8–12	9:00am–12:00pm	\$209
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Broadmeadow School

Grades: 3–5	July 22–26	8:45–11:45am	\$209
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Scrapbooking for Kids

Instructor(s): Katrina Martyn, NHS School Counselor

*** NEW *** Scrapbooking is a fun way for kids to express creativity while showcasing and reflecting on memories! Every day, we will build and decorate our books, play games, and share our progress and stories with the group. By the end of the week, each individual will have a personalized scrapbook to take home and to share with family and friends!

Limited to 10 students

Broadmeadow School

Grades: 3–5	July 15–19	8:45–11:45am	\$209
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Screenplay Writing

Instructor(s): Joanna Caliman, High Rock ELA Teacher

Learn how to turn stories into fun and creative screenplays! We will read parts of movie screenplays and discuss what we notice. We will then watch the movie scenes to see how the director interpreted the screenplay. Each student start with an short story or story of their own creation and turn it into a screenplay. Students will then work collaboratively to act out and record their scenes.

Limited to 10 students

High Rock School

Grades: 6–9	July 15–19	9:00am–12:00pm	\$209
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**Register online* beginning at
7:00am on Thursday, March 14th.**

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**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 (press 5).*

Sensational Scientists

Instructor(s): Ellen Porter, Eliot Teaching 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:** *Children will be working with food products (including wheat flour) during this course. Please alert us to any food allergies when registering.*

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 1–3	8:45–11:45am	\$159
Grades: 1–3	July 8–12	12:15–3:15pm	\$209

Sew Fun – CANCELLED

Instructor(s): Jasmine Sanders, Newman ELC Aide

Sew Fun is a class for beginner sewists. Learn basic hand-sewing techniques, sewing terminology and how to read patterns all while having fun and making cool projects. Students will cut their own fabric, sew by hand using needle, thread and felt fabric and learn to sew on buttons while following along with the teacher's instructions. Join us as we get creative, use our imaginations and make new friends...it's going to be Sew Fun!

Limited to 10 students

High Rock School

Grades: 3–5	July 15–19	12:30–3:30pm	\$209
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Sew Fun Too

Instructor(s): Jasmine Sanders, Newman ELC Aide

Take this class on its own or as a continuation of Sew Fun. We will enjoy all the fun and creative aspects of Sew Fun but with all new projects! Learn basic hand-sewing techniques, sewing terminology and how to read patterns all while having fun and making cool projects. Students will cut their own fabric, sew by hand using needle, thread and felt fabric and learn to sew on buttons while following along with the teacher's instructions. Join us as we get creative, use our imaginations and make new friends...it's going to be Sew Fun!

Limited to 10 students

Broadmeadow School

Grades: 3–5	July 22–26	12:15–3:15pm	\$209
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Snack Attack

Instructor(s): Caitlin Concannon, KASE Broadmeadow & Hillside Head 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 snacks that we will be making include rainbow fruit salad, cereal bars, and creating your own special snack mix. Each day you will get to take home the snack that you created in a reusable trendy mason jar. 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:** *Children will be eating and working with food products during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Broadmeadow School

Grades: 3–5	July 8–12	8:45–11:45am	\$249
Grades: 1–3	July 8–12	12:15–3:15pm	\$249

**Register online* beginning at
7:00am on Thursday, March 14th.**

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Speech and Debate

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

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, 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

High Rock School

Grades: 6–9	July 22–26	9:00am–12:00pm	\$209
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Sports of All Sorts I

Instructors will be a combination of the following (two instructors per week): Paula Kelley, Pollard Wellness Instructor; Renee Campana, Pollard Special Ed Teacher; Julie Vona, Pollard Special Ed Teacher; Kerry Eaton, former High Rock PE Teacher; Kathleen Kelley, Milton High School History Teacher; and Michael Marcojohn, Pollard Experiential Ed/Health Teacher

Come join the fun! We will enjoy playing active and challenging games and sports activities geared toward students in grades 1–2. Team and individual activities will be presented throughout the week, providing lots of excitement. Games and sports activities may include: soccer, kickball, basketball, Capture the Flag, floor hockey, bowling, relay races, musical spots, batting practice, golf and much more.

Limited to 20 students

Broadmeadow School

Grades: 1–2	July 1–3	8:45–11:45am	\$139
Grades: 1–2	July 8–12	8:45–11:45am	\$189
Grades: 1–2	July 15–19	8:45–11:45am	\$189
Grades: 1–2	July 22–26	8:45–11:45am	\$189

Sports of All Sorts II

Instructor(s): Moore Dodge, NHS Social Studies Teacher

Come join the fun! We will enjoy playing active and challenging games and sports activities geared toward students in grades 3–5. Team and individual activities will be presented throughout the week, providing lots of excitement. Games and sports activities may include: soccer, kickball, basketball, Capture the Flag, floor hockey, bowling, relay races, musical spots, batting practice, golf and much more.

Limited to 10 students

Broadmeadow School

Grades: 3–5	July 1–3	8:45–11:45am	\$139
Grades: 3–5	July 8–12	8:45–11:45am	\$189
Grades: 3–5	July 15–19	8:45–11:45am	\$189
Grades: 3–5	July 22–27	8:45–11:45am	\$189

Star Wars

Instructor(s): Laurie Kraemer, Newman 1st Grade Teaching Assistant, and Jennifer Priesing, Learning Prep School (Newton) Special Education Teacher

*** NEW *** 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 15 students

Broadmeadow School

Grades: 1–3	July 8–12	12:15–3:15pm	\$209
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Stars and Stripes Forever – CANCELLED

Instructor(s): Laurie Kraemer, Newman 1st Grade Teaching Assistant, and Jennifer Priesing, Learning Prep School (Newton) Special Education Teacher

*** NEW *** Join us for an exciting week of red, white and blue. We will spend the week creating festive art projects to decorate with and celebrate our nation's birthday. Create poppers, flags, tissue paper flowers, patriotic wearables and more. We will even combine imagination and crafts supplies to turn cardboard boxes into your very own "parade floats"!

Limited to 15 students

Broadmeadow School

Grades: 1–3	July 1–3	8:45–11:45am	\$149
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Story Makers

Instructor(s): Janine Everts, Hillside 3rd Grade Teacher

*** NEW *** Let your imagination run wild as we dream up, tell and act out fun, original stories. Students will imagine and tell their own stories that the teacher will scribe. Students will then listen as their stories are read back to the group. Group members will have a chance to positively comment on the story and ask the storyteller questions. We will further bring our stories to life by illustrating them and with the opportunity to have our stories acted out. Students will act in each other's stories. At the end of the week, students take home their own scribed and illustrated stories!

Limited to 10 students

Broadmeadow School

Grades: 1–3	July 15–19	12:15–3:15pm	\$209
Grades: 1–3	July 22–26	12:15–3:15pm	\$209

Summer Theater Variety Show

> FULL DAY CLASS

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

*** NEW *** 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 1–2 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 20 students

Broadmeadow School

Grades: 3–7	July 22–26	8:45am–3:15pm	\$439
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Superheroes with a Twist

Instructor(s): Beth Batchman, Newman Speech and Language Pathologist

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

Broadmeadow School

Grades: 1–3	July 1–3	8:45–11:45am	\$149
Grades: 1–3	July 22–26	8:45–11:45am	\$209

**Register online* beginning at
7:00am on Thursday, March 14th.**

Use this link to register:

<http://needham.schoolpay.com/link/NCEsummer2019>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 (press 5).*

Team Sports

Instructor(s): Mike Ciccolella, High Rock Social Studies Teacher

We all have a favorite team sport, but that doesn't mean we can't enjoy other sports as well! Plus, who wants to be bored with the same thing over and over again? This summer experience will allow you to play a variety of sports that require working and playing with teammates. Team sports give us all an opportunity to have fun with friends in a safe and exciting atmosphere. Some of the sports we will play are: flag football, hockey, soccer, basketball, and more!

Limited to 18 students

High Rock School

Grades: 5–9	July 8–12	9:00am–12:00pm	\$189
Grades: 5–9	July 15–19	9:00am–12:00pm	\$189

Theater Set Design and Construction

> FULL DAY CLASS

Instructor(s): Sally Tomasetti, Set Designer

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 12 students

Broadmeadow School

Grades: 4–7	July 22–26	8:45am–3:15pm	\$439
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Virtual Reality Video Making

> FULL DAY CLASS

Instructor(s): Josh Yankell, NHS Media Specialist and Natalie Guthrie, NHS TV/Communications Teacher

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 Internet, has a gyroscope and an accelerometer, and download applications. A more detailed application description will be sent after registration.

Limited to 12 students

High Rock School

Grades: 5–9	July 1–3	9:00am–3:30pm	\$279
Grades: 5–9	July 8–12	9:00am–3:30pm	\$439

Volleyball and More

Instructor(s): Katie Kardelis, NHS Social Studies Teacher and Rosie Calland, NHS Social Studies Teacher

*** NEW *** Learn or refine volleyball skills in this fun session! Each day we'll focus on a specific volleyball skill, which we'll then apply in a variety of competitive games. We'll incorporate some team-building and sport-specific conditioning along with plenty of time for open play. This session is open to all skill levels!

Limited to 18 students

High Rock School

Grades: 5–9	July 1–3	9:00am–12:00pm	\$139
Grades: 5–9	July 22–26	9:00am–12:00pm	\$189

Yarn Art

Instructor(s): Laura McGovern, Dover-Sherborn High School and Liddy Demirjian, Eliot KASE Teaching Assistant

*** NEW *** Learn how to transform yarn and yarn scraps into exciting art, objects and treasures. We will use yarn to create bowls, gifts, treasure boxes, flower vases, classic yarn dolls, wall hangings, and other old fashioned trinkets to decorate any space!

Limited to 12 students

Broadmeadow School

Grades: 3–5	July 1–3	8:45–11:45am	\$159
Grades: 1–3	July 1–3	12:15–3:15pm	\$159

**Register online* beginning at
7:00am on Thursday, March 14th.**

Use this link to register:

<http://needham.schoolpay.com/link/NCEsummer2019>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 (press 5).*



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 (press 5) to register by phone using a credit card—MasterCard, Visa and Discover accepted.
2. Complete the form on page 31 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 x11235 or jill_ash@needham.k12.ma.us

Class Name	Location	Grade	Dates	Times	Scholarship Fee
3D Art and Clay	High Rock School	Grades: 3–5	July 8–12	9:00am–12:00pm	\$92
3D Art and Clay	High Rock School	Grades: 6–9	July 8–12	12:30–3:30pm	\$92
3D Art and Clay	High Rock School	Grades: 6–9	July 15–19	9:00am–12:00pm	\$92
3D Art and Clay	High Rock School	Grades: 3–5	July 15–19	12:30–3:30pm	\$92
A Week At Hogwarts	High Rock School	Grades: 3–6	July 8–12	9:00am–12:00pm	\$92
A Week At Hogwarts	High Rock School	Grades: 3–6	July 15–19	9:00am–12:00pm	\$92
Across the Universe	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$84
Across the Universe	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$84
All About Pets	Broadmeadow School	Grades: 1–3	July 15–19	12:15–3:15pm	\$84
All About Pets	Broadmeadow School	Grades: 1–3	July 22–26	12:15–3:15pm	\$84
American Girls: Past and Present	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$84
Are You up for the Challenge	High Rock School	Grades: 3–5	July 8–12	12:30–3:30pm	\$84
Art Explorations	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$92
Art Explorations	Broadmeadow School	Grades: 3–5	July 8–12	12:15–3:15pm	\$92
Art Explorations	Broadmeadow School	Grades: 3–5	July 15–19	8:45–11:45am	\$92
Art Explorations	Broadmeadow School	Grades: 1–3	July 15–19	12:15–3:15pm	\$92
Art, Paint, Create	Broadmeadow School	Grades: 1–3	July 22–26	12:15–3:15pm	\$92
Artistic Poetry	High Rock School	Grades: 4–7	July 1–3	9:00am–12:00pm	\$60
Astronaut Training	High Rock School	Grades: 4–6	July 22–26	12:30–3:30pm	\$100
Baking for Beginners	Broadmeadow School	Grades: 3–5	July 8–12	12:15–3:15pm	\$100
Baking for Beginners	Broadmeadow School	Grades: 3–5	July 15–19	12:15–3:15pm	\$100
Baking, Beyond the Basics	High Rock School	Grades: 5–9	July 22–26	12:30–3:30pm	\$100
Baseball Games and Skills	High Rock School	Grades: 3–6	July 1–3	9:00am–12:00pm	\$56
Baseball Games and Skills	Broadmeadow School	Grades: 3–5	July 8–12	8:45–11:45am	\$76
Basketball and More I	Broadmeadow School	Grades: 1–2	July 8–12	12:15–3:15pm	\$76
Basketball and More I	Broadmeadow School	Grades: 1–2	July 15–19	12:15–3:15pm	\$76
Basketball and More II	Broadmeadow School	Grades: 3–5	July 1–3	12:15–3:15pm	\$56
Basketball and More II	Broadmeadow School	Grades: 3–5	July 8–12	12:15–3:15pm	\$76
Basketball and More II	Broadmeadow School	Grades: 3–5	July 15–19	12:15–3:15pm	\$76
Basketball and More II	Broadmeadow School	Grades: 3–5	July 22–26	12:15–3:15pm	\$76

Class Name	Location	Grade	Dates	Times	Scholarship Fee
Beginning Coding	Broadmeadow School	Grades: 2–4	July 1–3	8:45–11:45am	\$64
Beginning Coding	Broadmeadow School	Grades: 1–3	July 1–3	12:15–3:15pm	\$64
Best of Summer Camp Crafts and Games	High Rock School	Grades: 3–6	July 1–3	9:00am–12:00pm	\$60
Best of Summer Camp Crafts and Games	High Rock School	Grades: 3–6	July 22–27	12:30–3:30pm	\$92
Breakfast Club	Broadmeadow School	Grades: 3–5	July 1–3	8:45–11:45am	\$68
Breakfast Club	Broadmeadow School	Grades: 3–5	July 1–3	12:15–3:15pm	\$68
Brunch Bunch	High Rock School	Grades: 6–9	July 1–3	9:00am–12:00pm	\$68
Bugs, Butterflies and Blossoms	Broadmeadow School	Grades: 1–3	July 1–3	12:15–3:15pm	\$60
Challenges and Games	High Rock School	Grades: 5–9	July 1–3	12:30–3:30pm	\$56
Challenges and Games	High Rock School	Grades: 5–9	July 8–12	12:30–3:30pm	\$76
Challenges and Games	High Rock School	Grades: 5–9	July 15–19	12:30–3:30pm	\$76
Challenges and Games	High Rock School	Grades: 5–9	July 22–26	12:30–3:30pm	\$76
Cool Jewelry	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$92
Cool Jewelry	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$92
Creative Writing: Fiction Fun	High Rock School	Grades: 5–8	July 8–12	12:30–3:30pm	\$84
Decorative Painting	High Rock School	Grades: 4–6	July 22–26	12:30–3:30pm	\$92
Design Your Own Board Game	High Rock School	Grades: 3–6	July 8–12	12:30–3:30pm	\$84
Dino-mite Dinosaurs	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$84
Dino-mite Dinosaurs	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$84
Duct Tape Creations	Broadmeadow School	Grades: 3–5	July 8–12	8:45–11:45am	\$92
Duct Tape Creations	Broadmeadow School	Grades: 3–5	July 15–19	12:15–3:15pm	\$92
Dungeons and Dragons	High Rock School	Grades: 6–9	July 15–19	9:00am–12:00pm	\$84
Earthquake Towers	High Rock School	Grades: 5–9	July 15–19	9:00am–12:00pm	\$92
Earthquake Towers	High Rock School	Grades: 6–9	July 22–26	9:00am–12:00pm	\$92
Einstein's Workshop: Code Kingdoms	High Rock School	Grades: 3–5	July 15–19	12:30–3:30pm	\$100
Einstein's Workshop: Minecraft Architecture	High Rock School	Grades: 3–5	July 1–3	12:30–3:30pm	\$68
Einstein's Workshop: Robotics with LEGO Mindstorms	High Rock School	Grades: 3–5	July 1–3	9:00am–12:00pm	\$68
Engineering Bridges	High Rock School	Grades: 4–6	July 15–19	9:00am–12:00pm	\$84
Engineering: Chaos Tower	High Rock School	Grades: 5–9	July 8–12	12:30–3:30pm	\$92
Engineering: Chaos Towers	High Rock School	Grades: 5–9	July 22–26	12:30–3:30pm	\$92
Explorers and Expeditions	High Rock School	Grades: 3–5	July 22–26	12:30–3:30pm	\$84
Fairies and Sprites	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$84
Fantasy World Creation	Broadmeadow School	Grades: 3–5	July 22–26	8:45–11:45am	\$84
Festive Fourth of July Decorations	High Rock School	Grades: 5–9	July 1–3	9:00am–12:00pm	\$60
Festive Fourth of July Decorations	High Rock School	Grades: 3–6	July 1–3	12:30–3:30pm	\$60
Geocaching & Scavenger Hunting	High Rock School	Grades: 5–9	July 1–3	9:00am–12:00pm	\$64
Glass Art	High Rock School	Grades: 3–6	July 1–3	9:00am–12:00pm	\$48
Glass Art	High Rock School	Grades: 5–9	July 1–3	12:30–3:30pm	\$48
Glass Art	High Rock School	Grades: 6–9	July 8–12	9:00am–12:00pm	\$66
Glass Art	High Rock School	Grades: 3–5	July 8–12	12:30–3:30pm	\$66
Gotta Dance	Broadmeadow School	Grades: 3–5	July 15–19	8:45–11:45am	\$84
Hamilton: The Musical	High Rock School	Grades: 5–9	July 15–19	12:30–3:30pm	\$84
iMovie	High Rock School	Grades: 5–9	July 15–19	9:00am–3:30pm	\$176
iMovie	High Rock School	Grades: 5–9	July 22–26	9:00am–12:00pm	\$176
Impressionism and Beyond	High Rock School	Grades: 4–6	July 1–3	12:30–3:30pm	\$64

Class Name	Location	Grade	Dates	Times	Scholarship Fee
Improv and Acting Workshop	High Rock School	Grades: 5–9	July 1–3	12:30–3:30pm	\$60
Improv and Acting Workshop	High Rock School	Grades: 4–6	July 8–12	9:00am–12:00pm	\$84
Improv and Acting Workshop	High Rock School	Grades: 5–9	July 22–26	12:30–3:30pm	\$84
Inside Look at the Medical Profession	High Rock School	Grades: 6–9	July 22–26	9:00am–12:00pm	\$84
Intro to A Cappella	High Rock School	Grades: 6–9	July 15–19	9:00am–12:00pm	\$84
Intro to Cheerleading	High Rock School	Grades: 4–6	July 22–26	9:00am–12:00pm	\$84
It's a Small World	Broadmeadow School	Grades: 1–3	July 8–12	12:15–3:15pm	\$84
Kids Can Cook	High Rock School	Grades: 5–7	July 15–19	9:00am–12:00pm	\$100
Kids Can Cook	High Rock School	Grades: 5–9	July 15–19	12:30–3:30pm	\$100
Kids Can Cook	High Rock School	Grades: 5–7	July 22–26	9:00am–12:00pm	\$100
Kitchen Science	Broadmeadow School	Grades: 1–3	July 15–19	12:15–3:15pm	\$100
LEGO Fever!	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$84
LEGO Fever!	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$84
LEGO Gadgets, Gizmos and Gears	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$84
Let's Build: Water Engineering	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$92
Let's Chill: Winter in July	Broadmeadow School	Grades: 1–3	July 1–3	8:45–11:45am	\$60
Let's Chill: Winter in July	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$84
Mad Scientists	Broadmeadow School	Grades: 3–5	July 15–19	8:45–11:45am	\$92
Mad Scientists	High Rock School	Grades: 3–5	July 22–26	9:00am–12:00pm	\$92
Magic: The Gathering	High Rock School	Grades: 6–9	July 15–19	12:30–3:30pm	\$84
Magical Art	High Rock School	Grades: 3–6	July 15–19	9:00am–12:00pm	\$92
Magical Art	High Rock School	Grades: 3–6	July 22–26	9:00am–12:00pm	\$92
Make Your Own Dreamhouse	High Rock School	Grades: 3–5	July 8–12	9:00am–12:00pm	\$92
Make Your Own Dreamhouse	High Rock School	Grades: 3–5	July 15–19	9:00am–12:00pm	\$92
Make Your Own Treehouse	High Rock School	Grades: 3–5	July 8–12	12:30–3:30pm	\$92
Making Masterpieces	High Rock School	Grades: 6–9	July 22–26	9:00am–3:30pm	\$176
MathMagicians	Broadmeadow School	Grades: 3–5	July 8–12	8:45–11:45am	\$84
Mind, Body and Soul	High Rock School	Grades: 6–9	July 8–12	9:00am–12:00pm	\$92
Mini Bakers	Broadmeadow School	Grades: 1–3	July 8–12	8:45–11:45am	\$100
Mini Bakers	Broadmeadow School	Grades: 1–3	July 15–19	8:45–11:45am	\$100
Mini Bakers	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$100
Minute to Win It	High Rock School	Grades: 3–5	July 1–3	12:30–3:30pm	\$60
Minute to Win It	High Rock School	Grades: 3–5	July 15–19	12:30–3:30pm	\$84
Mission: Escape the Room	High Rock School	Grades: 5–9	July 8–12	9:00am–12:00pm	\$92
No Bake Baking	Broadmeadow School	Grades: 3–5	July 22–26	12:15–3:15pm	\$100
Patriotic Treats and Cupcake Decorating	High Rock School	Grades: 5–9	July 1–3	12:30–3:30pm	\$68
Planes, Trains and Automobiles	Broadmeadow School	Grades: 1–3	July 1–3	12:15–3:15pm	\$100
Pockets, Pockets, Pockets	High Rock School	Grades: 6–9	July 8–12	9:00am–12:00pm	\$100
Pockets, Pockets, Pockets	High Rock School	Grades: 6–9	July 8–12	12:30–3:30pm	\$64
Printing and Stamping	Broadmeadow School	Grades: 3–5	July 1–3	12:15–3:15pm	\$92
Printmaking Studio	High Rock School	Grades: 5–9	July 15–19	12:30–3:30pm	\$92
Printmaking Studio	High Rock School	Grades: 5–9	July 22–26	9:00am–12:00pm	\$92
Robotics	High Rock School	Grades: 5–9	July 8–12	9:00am–12:00pm	\$92
Robotics	High Rock School	Grades: 5–9	July 15–19	12:30–3:30pm	\$84
Science in a Jar	High Rock School	Grades: 3–5	July 8–12	9:00am–12:00pm	\$84
Science in a Jar	Broadmeadow School	Grades: 3–5	July 22–26	8:45–11:45am	\$84

Class Name	Location	Grade	Dates	Times	Scholarship Fee
Scrapbooking for Kids	Broadmeadow School	Grades: 3–5	July 15–19	8:45–11:45am	\$84
Screenplay Writing	High Rock School	Grades: 6–9	July 15–19	9:00am–12:00pm	\$64
Sensational Scientists	Broadmeadow School	Grades: 1–3	July 1–3	8:45–11:45am	\$84
Sensational Scientists	Broadmeadow School	Grades: 1–3	July 8–12	12:15–3:15pm	\$84
Sew Fun	High Rock School	Grades: 3–5	July 15–19	12:30–3:30pm	\$84
Sew Fun Too	Broadmeadow School	Grades: 3–5	July 22–26	12:15–3:15pm	\$100
Snack Attack	Broadmeadow School	Grades: 3–5	July 8–12	8:45–11:45am	\$100
Snack Attack	Broadmeadow School	Grades: 1–3	July 8–12	12:15–3:15pm	\$84
Speech and Debate	High Rock School	Grades: 6–9	July 22–26	9:00am–12:00pm	\$56
Sports of All Sorts I	Broadmeadow School	Grades: 1–2	July 1–3	8:45–11:45am	\$76
Sports of All Sorts I	Broadmeadow School	Grades: 1–2	July 8–12	8:45–11:45am	\$76
Sports of All Sorts I	Broadmeadow School	Grades: 1–2	July 15–19	8:45–11:45am	\$76
Sports of All Sorts I	Broadmeadow School	Grades: 1–2	July 22–26	8:45–11:45am	\$56
Sports of All Sorts II	Broadmeadow School	Grades: 3–5	July 1–3	8:45–11:45am	\$76
Sports of All Sorts II	Broadmeadow School	Grades: 3–5	July 8–12	8:45–11:45am	\$76
Sports of All Sorts II	Broadmeadow School	Grades: 3–5	July 15–19	8:45–11:45am	\$76
Sports of All Sorts II	Broadmeadow School	Grades: 3–5	July 22–27	8:45–11:45am	\$84
Star Wars	Broadmeadow School	Grades: 1–3	July 8–12	12:15–3:15pm	\$60
Stars and Stripes Forever	Broadmeadow School	Grades: 1–3	July 1–3	8:45–11:45am	\$84
Story Makers	Broadmeadow School	Grades: 1–3	July 15–19	12:15–3:15pm	\$84
Story Makers	Broadmeadow School	Grades: 1–3	July 22–26	12:15–3:15pm	\$60
Superheroes with a Twist	Broadmeadow School	Grades: 1–3	July 1–3	8:45–11:45am	\$84
Superheroes with a Twist	Broadmeadow School	Grades: 1–3	July 22–26	8:45–11:45am	\$76
Team Sports	High Rock School	Grades: 5–9	July 8–12	9:00am–12:00pm	\$76
Team Sports	High Rock School	Grades: 5–9	July 15–19	9:00am–12:00pm	\$176
Theater Set Design and Construction	Broadmeadow School	Grades: 4–7	July 22–26	9:00am–3:30pm	\$60
Trains, Planes and Automobiles	Broadmeadow School	Grades: 1–3	July 22–26	12:15–3:15pm	\$84
Variety Show	Broadmeadow School	Grades: 3–7	July 22–26	9:00am–3:30pm	\$176
Virtual Reality Video Making	High Rock School	Grades: 5–9	July 1–3	9:00am–3:30pm	\$112
Virtual Reality Video Making	High Rock School	Grades: 5–9	July 8–12	9:00am–3:30pm	\$176
Volleyball and More	High Rock School	Grades: 5–9	July 1–3	9:00am–12:00pm	\$56
Volleyball and More	High Rock School	Grades: 5–9	July 22–26	9:00am–12:00pm	\$76
Yarn Art	Broadmeadow School	Grades: 3–5	July 1–3	8:45–11:45am	\$64
Yarn Art	Broadmeadow School	Grades: 1–3	July 1–3	12:15–3:15pm	\$64



Summer Explorations | Scholarship Registration Form /// 2019

Student's name: _____

Current school: _____ **Grade (fall 19):** _____

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: _____

My child has life-threatening allergies and will require an EpiPen: <input type="checkbox"/> Yes <input type="checkbox"/> No 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.	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.
List of child's allergies:	Other medical issues:
Behavioral/Emotional issues:	

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	School	Fee
	7/1 7/8 7/15 7/22	AM PM Full		
	7/1 7/8 7/15 7/22	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 _____
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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 2019.

Registration Information for Sports Clinics

- **Register online** using SchoolPay: <http://www.schoolpay.com/link/NCECLINICS2019>
- **Scholarship Assistance** is available for students who receive free or reduced lunch. Please call NCE for details, 781-455-0400 (press 5).
- **Withdrawals** (minus a \$30 processing fee) will be accepted until May 15, 2019. 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, 2019.
- **Questions?** Contact Amy Goldman, NCE Program Director, at amy_goldman@needham.k12.ma.us or 781-455-0400 x11214.

Volleyball Clinic: Half-Day (for girls and boys)

AM: Grades 3–7

PM: Grades 8–12

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.

Each clinic will incorporate:

- Individual Skill Development
- Games and Scrimmages
- Individual and team awards

Limited to 60 students

NHS Gyms

Grades 3–7	June 20–21	9:00am–12:00pm	\$75
Grades 8–12	June 20–21	1:00pm–4:00pm	\$75

Volleyball Clinic: Full-Day (for girls and boys)

Grades 6–12

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.

Each clinic will incorporate:

- Individual Skill Development
- Games and Scrimmages
- Individual and team awards

Limited to 60 students

NHS Gyms

Grades 6–12	June 24–27	9:00am–3:00pm	\$200
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Basketball Skills Clinic (for girls and boys)

Grades 6–12

Instructor: Michael Jackson, NHS Assistant Athletic Director

*** NEW *** In this new 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.

Limited to 75 students

NHS Gyms

Grades 6–12	June 24–26	4:00pm–7:00pm	\$125
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Baseball Clinic (for girls and boys)

Grades 3–9

Instructor: Needham Varsity Head Baseball Coach: Matt Howard

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).*

Limited to 40 students

Defazio Baseball Complex

Grades 3–9	July 8–11*	9:00am–12:30pm	\$150
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**Rain date is Friday, July 12*

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.*

Limited to 40 students

Defazio Turf Field

Grades 5–9	July 8–11*	9:00am–12:30pm	\$150
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**Rain date is Friday, July 12*

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.

Limited to 60 students

NHS A Gym

Grades 4–8	July 29–Aug 1	5:00pm–8:00pm	\$150
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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: Learn to Scull, Beginning Golf Clinic for Women, Drawing from Nature, various Watercolor Painting Workshops, Campfire Sing along (for adults and families), Couch to 5K, test prep and college application programs, Summer Book Club, Personal Finance 101, Portfolio Building for High School art students, and more! Details can be found by mid-March in the NCE Adult Summer 2019 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.