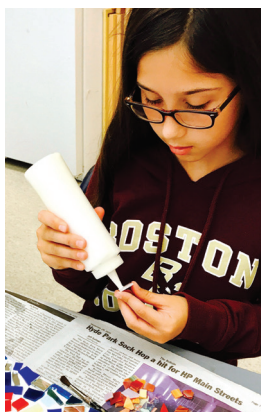




summer explorations

Needham Community Education



Summer Explorations 2018

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 weeklong, 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 2–3, 5–6

Week 2: July 9–13

Week 3: July 16–20

Week 4: July 23–27



Summer Explorations 2018

Summer Explorations offers students entering grades 1–9 more than 90 weeklong, morning, afternoon and full-day enrichment classes in July. There are classes in science, sports, fine and performing arts, culture, cooking, crafts, technology, engineering and more to appeal to the inquisitive, active, and creative child. All classes are taught by Needham Public Schools teachers and other trained education professionals. 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.

Dates: **Week 1:** July 2–6 (no class on 7/4) **Week 3:** July 9–13 **Week 3:** July 16–20 **Week 4:** July 23–27

Program locations: The Hillside School will have classes for grades 1–5 and the High Rock School will have classes for grades 3–9. Our “Summer Explorations Musical Theater” and “Theater Production and Set Design” programs will be located at the Newman School and our “History Buffs: Uncovering the Mysteries of Needham” program will be held at the Needham History Center and Museum. No transportation is provided between locations.

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

Use this link to register: <https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-445-0400 x235.*

Needham Public Schools

Superintendent

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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.

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 x235

Fax: 781-455-0417

Web: www.needham.k12.ma.us (click on Community Ed)

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

Important Information

Registration:

Register online* using School Pay **beginning at 7:00am on MONDAY, MARCH 12**, using link: <https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-455-0400 X235.*

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.

Grade Ranges:

Grade ranges represent the grade the child will be entering in the fall of 2018.

Scholarship Assistance:

Is available for students who receive free or reduced lunch. Please call NCE for details, 781-455-0400 x235.

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.**

Supervised Lunch:

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

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.

No Transportation Provided:

No transportation is provided for Summer Explorations.

Non-Residents:

Non-residents are welcome to participate.

Registration Policies:

Refund Policy:

Withdrawals (minus a \$30 processing fee) will be accepted until May 15, 2018. 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 15, 2018.

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 2, 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.

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 x235, **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.

Policies:

All school policies outlined in the school Student Handbook apply to the NCE Summer Explorations program.

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 x235
carolyn_colonna@needham.k12.ma.us



WEEK ONE: July 2–July 6 (no class 7/4) / Monday–Friday Summer Explorations 2018

Hillside School (morning) // 8:45am–11:45am

Sports of All Sorts I	Grades 1–2	Paula Kelley
Art Explorations	Grades 1–3	Damon Burnard
Crazy LEGO Contraptions	Grades 1–3	Vicky Neale
Disney Delight	Grades 1–3	Tracy Gay
Mini-Bakers	Grades 1–3	Kayla Bedigan and Liz Storer
Sensational Scientists	Grades 1–3	Amy McKay McDavitt and Ellen Porter
Baseball Games and Skills	Grades 2–5	Steve Blomberg
Duct Tape Creations	Grades 3–5	Jen Priesing
Science in a Jar	Grades 3–5	Erin McElhinney
Sports of All Sorts II	Grades 3–5	Moore Dodge

Hillside School (afternoon) // 12:15pm–3:15pm

Basketball and More	Grades 1–3	Moore Dodge and Glen Hopkins
Bugs, Butterflies and Blossoms	Grades 1–3	Tracy Gay
Magical Mindfulness and Yoga	Grades 1–3	Deborah Seri
Superheros with a Twist	Grades 1–3	Beth Batchman and Laurie Kraemer
Art Explorations	Grades 3–5	Damon Burnard
Cooking Around the World	Grades 3–5	Rebecca Gencarelli and Allie Lanctot

High Rock School (FULL DAY) // 9:00am–3:15pm

iMovie Making	Grades 5–9	Karen McIntyre and Gabe Guerra
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High Rock School (morning) // 9:00am–12:00pm

Baking for Beginners	Grades 3–5	Elaine McKenna and Christine Shelly
Summer Challenges and Fun!	Grades 3–5	Rebecca Gencarelli and Allie Lanctot
Magical Art	Grades 3–6	Jonathan DiNapoli
Knitting for Beginners	Grades 3–6	Laura McGovern
Acting Workshop: Scene Study	Grades 4–6	Cindy Bell
Let's Build: Harnessing the World's Energy	Grades 5–7	Liz Lee
Creative Writing Fun	Grades 5–8	Laura Sechovicz
Disc Sports	Grades 5–9	Glen Hopkins
Glass Art	Grades 6–9	Michel L'Huilier

High Rock School (afternoon) // 12:30pm–3:30pm

Art Around the World	Grades 3–5	Laura Sechovicz
Beginning Coding	Grades 3–6	Nicole Piatelli and Kelly Robinson
Glass Art	Grades 3–5	Michel L'Huilier
Create a Fairy Village	Grades 3–6	Ellen Porter
Let's Build: Building a Mars Rover	Grades 5–8	Liz Lee
Challenges and Games	Grades 5–9	Paula Kelley
Baking: Beyond the Basics	Grades 6–9	Elaine McKenna and Christine Shelly

NEW collaboration with the Needham History Center & Museum!

Needham History Center & Museum (morning) // 9:00am–12:00pm

History Buffs: Uncovering the Mysteries of Needham with the Needham History Center & Museum	Grades 6–9	Gloria Greis and Suzanne Baker
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Hillside School (morning) // 8:45am–11:45am

Sports of All Sorts I	Grades 1–2	Paula Kelley
American Girls: Past and Present	Grades 1–3	Kathryn Kardelis
Beginning Coding	Grades 1–3	Nicole Piatelli and Kelly Robinson
Bugs, Butterflies and Blossoms	Grades 1–3	Tracy Gay
Cool Jewelry	Grades 1–3	Sarah Donovan and Haley Smith
Crazy LEGO Contraptions	Grades 1–3	Vicky Neale
Sensational Scientists	Grades 1–3	Amy McKay McDavitt and Ellen Porter
Art Explorations	Grades 2–5	Damon Burnard
Environmental Awareness	Grades 3–5	Joanna Caliman
Kids Can Cook	Grades 3–5	Jennifer Murray and Cathy Herndon
Make Your Own Dreamhouse	Grades 3–5	Caitlin MacDonald and Kristie Griffin
Sports of All Sorts II	Grades 3–5	Moore Dodge

Hillside School (afternoon) // 12:15pm–3:15pm

All About Pets	Grades 1–3	Tracy Gay
Art Explorations	Grades 1–3	Damon Burnard
Snack Attack! Create, Make and Take	Grades 1–3	Caitlin Concannon and Kate Distaso
Trains, Planes and Automobiles	Grades 1–3	Ellen Porter
Basketball, Teamwork, and Sportsmanship	Grades 3–5	Laura Marinak
Cooking Around the World	Grades 3–5	Rebecca Gencarelli and Allie Lanctot

High Rock School (FULL DAY) // 9:00am–3:15pm

Virtual Reality Video Making (full-day 9:00am–3:30pm)	Grades 5–9	Josh Yanktell and Natalie Guthrie
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High Rock School (morning) // 9:00am–12:00pm

Baseball Games and Skills	Grades 3–5	Steve Blomberg
Duct Tape Creations	Grades 3–5	Jen Priesing
Glass Art	Grades 3–5	Michel L'Huilier
WOW Science	Grades 3–5	Elaine McKenna and Christine Shelly
Let's Build: Girls in Engineering	Grades 5–7	Liz Lee
Printmaking	Grades 5–9	Anne Nydam
Scavenger Hunting and Geocaching	Grades 5–9	Karen Vona McIntyre and Joanne Sullivan
Street Hockey	Grades 5–9	Mark Yetman
Clay Explorations // 2 week class: 7/9–13 & 7/16–20	Grades 6–9	Jennie Bates
Cooking Around the World II	Grades 6–9	Jen Tuttelman and Jeff Weinstein
What is Dungeons & Dragons?	Grades 6–9	Adam Kelberman

High Rock School (afternoon) // 12:30pm–3:30pm

Are You Up for the Challenge	Grades 3–5	Karen Vona McIntyre and Vicky Neale
Artist's Workshop	Grades 3–5	Anne Nydam
Clay Explorations // 2 week class: 7/9–13 & 7/16–20	Grades 3–5	Jennie Bates
Math Creations and Challenges	Grades 3–5	Elaine McKenna and Christine Shelly
Let's Build: Engineering Makerspace	Grades 5–7	Liz Lee
Challenges and Games	Grades 5–9	Paula Kelley
Video Game Live Action Play	Grades 5–9	Sally Tomasetti
Cooking Around the World II	Grades 6–9	Jen Tuttelman and Jeff Weinstein
Glass Art	Grades 6–9	Michel L'Huilier

Hillside School (morning) // 8:45am–11:45am

Sports of All Sorts I	Grades 1–2	Paula Kelley
All About Pets	Grades 1–3	Tracy Gay
Beginning Coding	Grades 1–3	Nicole Piatelli and Kelly Robinson
LEGO Mania	Grades 1–3	Vicky Neale
Mini-Bakers	Grades 1–3	Kayla Bedigan and Liz Storer
Unsports and Games	Grades 1–3	Nancy Goldstein
Printing and Stamping	Grades 2–5	Jen Priesing
Cool Jewelry	Grades 3–5	Sarah Donovan and Haley Smith
Knitting for Beginners	Grades 3–5	Casey Gill
Science in a Jar	Grades 3–5	Erin McElhinney
Sports of All Sorts II	Grades 3–5	Moore Dodge
Sensational Scientists	Grades: 1–3	Amy McKay McDavitt and Ellen Porter

Hillside School (afternoon) // 12:15pm–3:15pm

Fairies and Sprites: Fantasy World Fun	Grades 1–3	Ellen Porter
Theater Games	Grades 1–3	Deborah Seri
Let's Build: Water Engineering	Grades 1–3	Liz Lee
Let's Chill: Winter in July	Grades 1–3	Tracy Gay
Basketball, Teamwork, and Sportsmanship	Grades 3–5	Laura Marinak
Cooking Around the World	Grades 3–5	Rebecca Gencarelli and Allie Lanctot

High Rock School (FULL DAY) // 9:00am–3:15pm

iMovie Making	Grades 5–9	Karen McIntyre and Gabe Guerra
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High Rock School (morning) // 9:00am–12:00pm

Parkour	Grades 3–5	Parkour Generations
Travel the World	Grades 3–5	Elaine McKenna and Christine Shelly
Harry Potter's World	Grades 3–6	Tracy Ahrens
Upcycled Fashion	Grades 3–6	Hila Krikov
Kids Can Cook: Gluten Free Cooking	Grades 4–6	Jennifer Murray and Cathy Herndon
Improv and Acting Workshop	Grades 5–9	Kate Donnelly
Team Sports	Grades 5–9	Michael Ciccolella
Start Your Own Business	Grades 5–9	Peter Caccavale
Yoga	Grades 6–8	Kristin Boyd
Clay Explorations // 2 week class: 7/9–13 & 7/16–20	Grades 6–9	Jennie Bates
Cross Training	Grades 6–9	Joanna Murphy

High Rock School (afternoon) // 12:30pm–3:30pm

Baking for Beginners	Grades 3–5	Elaine McKenna and Christine Shelly
Clay Explorations // 2 week class: 7/9–13 & 7/16–20	Grades 3–5	Jennie Bates
Yoga	Grades 3–6	Kristin Boyd
Minute to Win It	Grades 3–6	Jasmine Sanders and Kristen Hansen
Engineering Bridges	Grades 5–7	Tamara Hosford Keough and Joanna Murphy
Screenplay Writing	Grades 5–8	Joanna Caliman
Challenges and Games	Grades 5–9	Paula Kelley
Parkour	Grades 5–9	Parkour Generations
Printmaking	Grades 5–9	Anne Nydam

Newman School (FULL DAY) // 9:00am–3:15pm

Summer Explorations Musical Theater // 2 week class: 7/16–20 & 7/23–27	Grades 3–7	Kristen Mazzocchi and Teresa Blume
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Hillside School (morning) // 8:45am–11:45am

Sports of All Sorts I	Grades 1–2	Paula Kelley
American Girls: Past and Present	Grades 1–3	Kathryn Kardelis
LEGO Mania	Grades 1–3	Vicky Neale
Let's Build: Connect Electrify and Build	Grades 1–3	Liz Lee
Let's Chill: Winter in July	Grades 1–3	Tracy Gay
Mini-Bakers	Grades 1–3	Kayla Bedigan and Liz Storer
Sensational Scientists	Grades 1–3	Amy McKay McDavitt and Ellen Porter
Superheros with a Twist	Grades 1–3	Beth Batchman
Printing and Stamping	Grades 2–5	Jen Priesing
Make Your Own Dreamhouse	Grades 3–5	Caitlin MacDonald and Vanessa Iorlano
Sports of All Sorts II	Grades 3–5	Moore Dodge
WOW Science	Grades 3–5	Elaine McKenna and Christine Shelly

Hillside School (afternoon) // 12:15pm–3:15pm

Basketball and More	Grades 1–3	Moore Dodge and Glen Hopkins
It's a Small World	Grades 1–3	Tracy Gay
Let's Build: Water Engineering	Grades 1–3	Liz Lee
Nature Fun	Grades 1–3	Rebecca Gencarelli and Allie Lanctot
Baking for Beginners	Grades 3–5	Elaine McKenna and Christine Shelly
Science in a Jar	Grades 3–5	Erin McElhinney

High Rock School (morning) // 9:00am–12:00pm

Sew by Hand	Grades 3–5	Jasmine Sanders and Kristen Hansen
Summer Challenges and Fun!	Grades 3–5	Rebecca Gencarelli and Allie Lanctot
3D Art: An Exploration of Sculpture Techniques	Grades 3–6	Marissa Krantz
Cheerleading	Grades 3–6	Kate Donnelly and Tamara Hosford Keough
Harry Potter's World	Grades 3–6	Tracy Ahrens
Kids Can Cook	Grades 4–6	Jennifer Murray and Cathy Herndon
Scavenger Hunting and Geocaching	Grades 5–9	Karen Vona McIntyre and Joanne Sullivan
Team Sports	Grades 5–9	Michael Ciccolella
Cross Training	Grades 6–9	Joanna Murphy
Dance Explorations: Jazz and Hip Hop	Grades 6–9	Karinne Hansen
Inside Look at the Medical Profession	Grades 6–9	Beth Israel Deaconess Hospital Staff

High Rock School (afternoon) // 12:30pm–3:30pm

Dance Explorations: Jazz and Hip Hop	Grades 3–5	Karinne Hansen
Create a Fairy Village	Grades 3–6	Ellen Porter
Cupcake Decorating	Grades 3–6	Karen McIntyre and Vicky Neale
Design Your Own Board Game	Grades 3–6	Tracy Ahrens
Astronaut Training	Grades 4–6	Angela DiNapoli
Engineering Bridges	Grades 5–7	Tamara Hosford Keough and Joanna Murphy
Challenges and Games	Grades 5–9	Paula Kelley
Podcasting: Creating Audio Pieces	Grades 5–9	Michael Ross
Start Your Own Business	Grades 5–9	Peter Caccavale
Upcycled Fashion	Grades 6–9	Hila Krikov

Newman School (FULL DAY) // 9:00am–3:15pm

Summer Explorations Musical Theater		
// 2 week class: 7/16–20 & 7/23–27	Grades 3–7	Kristen Mazzocchi and Teresa Blume
Theater Production and Set Design	Grades 5–8	Sally Tomasetti and Brian Anderson

Class Details

Grade Ranges: Grade ranges represent the grade the child will be entering in the fall of 2018.

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: An Exploration of Sculpture Techniques

Grades 3–6

Instructor: Marissa Krantz, High Rock Art Teacher

*** NEW *** Explore a wide array of sculpture techniques using a variety of mediums, including clay, wire and everyday objects. You will have the opportunity to create one fully fired ceramic sculpture as well as create exciting abstract sculptures using unconventional materials.

Limited to 10 students

High Rock School

Gr. 3–6	July 23–27	9:00am–12:00pm	51001	\$215
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Acting Workshop: Scene Study

Grades 4–6

Instructor: Cindy Bell, Former Pollard Theater Arts Teacher

Get down to the nuts and bolts of acting in this class that focuses on technique, scene work and fun!! There will be a performance of scenes for parents on the last day.

Limited to 10 students

High Rock School

Gr. 4–6	July 2–4, 5–6	9:00am–12:00pm	51002	\$150
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All About Pets

Grades 1–3

Instructor: Tracy Gay, Hillside and Newman Occupational Therapist

Fetch some fun and useful facts about caring for the pets we love. Whether you're a pet owner or just a pet dreamer, you'll have a doggone good time enjoying games, art, storytelling, dramatic play and learning pet care techniques. You can also help us care for our class pet! Explore the world of dogs, cats, feathers, fins, rabbits and rodents where we'll learn about the joys and responsibilities of owning a pet. Join us for a purrfectly wonderful week as we learn all about pets!

Limited to 15 students

Hillside School

Gr. 1–3	July 9–13	12:15–3:15pm	51003.1	\$210
Gr. 1–3	July 16–20	8:45–11:45am	51003.2	\$210

American Girls: Past and Present

Grades 1–3

Instructor: Kathryn Kardelis, NHS English 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 10 students

Hillside School

Gr. 1–3	July 9–13	8:45–11:45am	51004.1	\$195
Gr. 1–3	July 23–27	8:45–11:45am	51004.2	\$195

Are You Up for the Challenge

Grades 3–5

Instructors: Karen Vona McIntyre, NHS Library Technical Assistant; and Vicky Neale, High Rock Special Ed TA

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 Structure", "Create a Catapult" and "Design and Build your own Challenge"!

Limited to 12 students

High Rock School

Gr. 3–5	July 9–13	12:30–3:30pm	51006	\$200
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**Register online* beginning at
7:00am on Monday, March 12th.**

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x235.*

Art Around the World

Grades 3–5

Instructor: Laura Sechovicz, Pollard Special Ed TA

*** NEW *** Voyage around the world to explore traditional arts and customs. We will create projects based on arts and crafts from faraway lands, including Europe, Africa and Asia. Students will also create travel journals to chart new knowledge of traditional artwork and customs in each country.

- ▶ **Note:** Please bring an old shirt or a smock as we will be working with clay and/or paints on a daily basis.
- ▶ **Allergy Alert:** Children will be using a variety of materials which may include feathers, dried beans or pasta. Please include any allergy information on your child's registration form.

Limited to 10 students

High Rock School

Gr. 3–5	July 2–3, 5–6	12:30–3:30pm	51007	\$165
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Art Explorations

Grades 1–3 and 2–5 and 3–5 (see below)

Instructor: 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.

- ▶ **Note:** This summer's projects will include a mix of new activities and favorite projects from prior years.

Limited to 10 students

Hillside School

Gr. 1–3	July 2–3, 5–6	8:45–11:45am	51008.1	\$165
Gr. 3–5	July 2–3, 5–6	12:15–3:15pm	51008.2	\$165
Gr. 2–5	July 9–13	8:45–11:45am	51008.3	\$205
Gr. 1–3	July 9–13	12:15–3:15pm	51008.4	\$205

Artist's Workshop

Grades 3–5

Instructor: Anne Nydam, Author and Illustrator

*** NEW *** Get inspired by great artists! Each day we will learn about the works and style of two featured artists. Then, try your hand at creating works of your own employing what you have learned about the artists' technique. We'll be painting, sculpting,

printing, and more. At the end of the week parents will be invited to a show of the week's artwork.

Limited to 10 students

High Rock School

Gr. 3–5	July 9–13	12:30–3:30pm	51009	\$205
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Astronaut Training

Grades 4–6

Instructor: Angela DiNapoli, Retired Newman 5th Grade Teacher

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 transform the classroom into a space station and do activities that simulate traveling through space and being disoriented. To practice exploring our fictional planet, we will examine Earth through alien eyes, doing experiments that involve life, earth, and physical sciences.

- ▶ **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

Gr. 4–6	July 23–27	12:30–3:30pm	51010	\$240
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Baking: Beyond the Basics

Grades 6–9

Instructors: Elaine McKenna, Hillside and Eliot Math Specialist; and Christine Shelley, Special Ed Teacher

Is baking what you like to do? Do you want to refine your cooking skills? If so, then join us for an afternoon of baking. We will learn valuable culinary and nutrition skills, all while having fun in the kitchen. We will create, bake, and taste our creations. 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 during this course. Please alert us to any food allergies when registering.

Limited to 12 students

High Rock School

Gr. 6–9	July 2–3, 5–6	12:30–3:30pm	51012	\$200
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Baking for Beginners

Grades 3–5

Instructors: Elaine McKenna, Hillside and Eliot Math Specialist; and Christine Shelley, Special Ed Teacher

Baking is fun to do and easy to learn. You will make, bake and taste all sorts of breakfast treats over the course of the week. You will be introduced to baking skills such as measuring, mixing and how to read a recipe. 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 during this course. Please alert us to any food allergies when registering.

Limited to 12 students

High Rock School

Gr. 3–5	July 2–3, 5–6	9:00am–12:00pm	51011.1	\$190
Gr. 3–5	July 16–20	12:30–3:30pm	51011.2	\$240

Hillside School

Gr. 3–5	July 23–27	12:15–3:15pm	51011.3	\$240
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Baseball Games and Skills

Grades 2–5 and 3–5 (see below)

Instructor: 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 their gloves and a baseball hat every day.

Limited to 16 students

Hillside School

Gr. 2–5	July 2–3, 5–6	8:45–11:45am	51013.1	\$130
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High Rock School

Gr. 3–5	July 9–13	9:00am–12:00pm	51013.2	\$165
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Basketball and More

Grades 1–3

Instructors: Moore Dodge, NHS Social Studies Teacher and Glen Hopkins, NHS Wellness 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 20 students

Hillside School

Gr. 1–3	July 2–3, 5–6	12:15–3:15pm	51014.1	\$140
Gr. 1–3	July 23–27	12:15–3:15pm	51014.2	\$175

Basketball, Teamwork, and Sportsmanship

Grades 3–5

Instructor: Laura Marinak, Newman 5th Grade Teacher

* **NEW** * Learn and practice basketball skills based on your experience level! We will discuss the importance of teamwork and take part in activities where students will work together and practice being a part of a team. We will also explore sportsmanship and discuss how participants can ensure a fair, safe, and fun environment for everyone involved in their activities and competitions.

Limited to 12 students

Hillside School

Gr. 3–5	July 9–13	12:15–3:15pm	51015.1	\$190
Gr. 3–5	July 16–20	12:15–3:15pm	51015.2	\$190

Beginning Coding

Grades 1–3 and 3–6 (see below)

Instructors: 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 lightning connector will not be compatible).

Limited to 15 students

High Rock School

Gr. 3–6	July 2–3, 5–6	12:30–3:30pm	51016.1	\$170
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Hillside School

Gr. 1–3	July 9–13	8:45–11:45am	51016.2	\$210
Gr. 1–3	July 16–20	8:45–11:45am	51017.3	\$210

Bugs, Butterflies and Blossoms

Grades 1–3

Instructor: Tracy Gay, Hillside and Newman Occupational Therapist

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? Throughout the week you will have a chance to collect fascinating facts in a science journal. You will also decorate a bug catcher, show off your gardening skills with a planting activity and conduct an experiment with flowers and colored water. We will take a trip outside to observe native bugs and flowers in their natural world. Combine science and art as we create seed collages and beautiful butterfly designs. Mix in some games and fiction book fun, and you have a week that is sure to please any budding nature enthusiast!

► **Allergy Alert:** Children will be handling food products and exploring nature during this course. Please alert us to any food and/or environmental allergies when registering.

Limited to 15 students

Hillside School

Gr. 1–3	July 2–3, 5–6	12:15–3:15pm	51018.1	\$170
Gr. 1–3	July 9–13	8:45–11:45am	51018.2	\$210

Challenges and Games

Grades 5–9

Instructors: Week of 7/2: Paula Kelley, Pollard Wellness

Instructor; with Renee Campana, Pollard Special Ed Teacher.

Week of 7/9: Paula Kelley, Pollard Wellness Instructor and with Julie Vona, Pollard Special Ed Teacher.

Week of 7/16: Kerry Eaton, former High Rock PE Teacher and Kathleen Kelley, Milton High School History Teacher.

Week of 7/23: Paula Kelley, Pollard Wellness Instructor and Kerry Eaton, former High Rock PE 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, traversing walls, cargo nets, 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

Gr. 5–9	July 2–3, 5–6	12:30–3:30pm	51019.1	\$145
Gr. 5–9	July 9–13	12:30–3:30pm	51019.2	\$180
Gr. 5–9	July 16–20	12:30–3:30pm	51019.3	\$180
Gr. 5–9	July 23–27	12:30–3:30pm	51019.4	\$180

Cheerleading

Grades 3–6

Instructors: Kate Donnelly, High Rock Speech-Language Pathologist and Science Teacher and Tamara Hosford Keough, High Rock Science Teacher

✱ **NEW** ✱ 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

Gr. 3–6	July 23–27	9:00am–12:00pm	51020	\$235
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Clay Explorations

► TWO WEEK CLASS

Grades 3–5 and 6–9 (see below)

Instructor: Jennie Bates, Art Teacher at Eliot and Hillside

Come experience the broad range of techniques for making beautiful hand-built creations from clay. During the first week of this class, we will use pinch, coil, and slab techniques to create kiln-fired and self-drying clay pieces. Projects may include but not be limited to bobble head animals, bird feeders, castles (for younger grades), tiles, and coil pots (for older grades). During the second week, projects will be glazed and painted. There will also be time to work on a project of your choice.

Limited to 12 students

High Rock School

Gr. 6–9 (<i>two-week class</i>)				
July 9–13 & July 16–20	9:00am–12:00pm	51021.1	\$385	
Gr. 3–5 (<i>two-week class</i>)				
July 9–13 & July 16–20	12:30–3:30pm	51022.2	\$385	

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

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x235.*

Cooking Around the World I

Grades 3–5

Instructors: Allie Lanctot and Becca Gencarelli, Hillside ELC TAs

Explore the world cultures through their unique cuisines. We will focus on a different country each day. At the start of each class, we will learn about aspects of the country's customs and culture. We will then follow recipes to cook two to three traditional foods from the country. Together, we will taste our creations and then wrap up the rest to bring home for our families and friends to sample.

► **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

Hillside School

Gr. 3–5	July 2–3, 5–6	12:15–3:15pm	51023.1	\$170
Gr. 3–5	July 9–13	12:15–3:15pm	51023.2	\$215
Gr. 3–5	July 16–20	12:15–3:15pm	51023.3	\$215

Cooking Around the World II

Grades 6–9

Instructors: Jen Tutelman, NPS Nutrition Outreach Coordinator and Jeff Weinstein, Framingham Public Schools 5th Grade Teacher

* **NEW** * Join us to explore and create cuisine from around the world in this HANDS ON international cooking class. For the first three days we will cook cuisine from three different countries, including an appetizer, a main course and a dessert. During the last two days we will work in collaborative groups. Each group will select a country and research its cuisine and food customs. Groups will then plan, create and serve a meal reflecting the food of their selected country.

► **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

Gr. 6–9	July 9–13	9:00am–12:00pm	51024.1	\$240
Gr. 6–9	July 9–13	12:30–3:30pm	51024.2	\$240

Cool Jewelry

Grades 1–3 and 3–5 (see below)

Instructors: Haley Smith, Kindergarten Teacher; and Sarah Donovan, 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 assortment of stunning jewelry treasures to keep for yourself or to give to family members and friends.

Limited to 12 students

Hillside School

Gr. 1–3	July 9–13	8:45–11:45am	51025.1	\$190
Gr. 3–5	July 16–20	8:45–11:45am	51025.2	\$190

Crazy LEGO Contraptions

Grades 1–3

Instructor: Vicky Neale, High Rock Special Ed TA

In this fun-filled introduction to simple machines, students will use LEGOs and special LEGO Technic elements to build and explore a variety of crazy contraptions using gears, pulley wheels, and axles! Applying their newly acquired skills, students will create their own innovative contraptions for some very lucky little LEGO people (aka: Mini-figures).

Limited to 10 students

Hillside School

Gr. 1–3	July 2–3, 5–6	8:45–11:45am	51026.1	\$155
Gr. 1–3	July 9–13	8:45–11:45am	51026.2	\$195

Create a Fairy Village

Grades 3–6

Instructor: Ellen Porter, Eliot TA

If you are creative and are intrigued by the magical world of fairies, this class is for you! Fairies seek out homes made of natural ingredients that blend in with their surroundings and also have a bit of flair and whimsy. In this class, we will construct beautiful fairy abodes using materials found in nature and decorative embellishments. On the last day of class, we will collect our fairy homes and find a suitable place for them outside to create our fairy village. Parents will be invited to tour the village at the end of the class. You will be able to take your fairy house home with you at the end of the week to set up in your own special place.

Limited to 10 students

High Rock School

Gr. 3–6	July 2–3, 5–6	12:30–3:30pm	51027.1	\$160
Gr. 3–6	July 23–27	12:30–3:30pm	51027.2	\$200

Creative Writing Fun

Grades 5–8

Instructor: Laura Sechovicz, Pollard TA

Calling all writers and artists! We will compose fiction, creative nonfiction, and poetry while incorporating art to highlight our written projects. Students will brush-up on their writing skills in a supportive atmosphere, given interesting writing prompts, constructive templates, and guided instruction. All writing levels welcome!

Limited to 10 students

High Rock School

Gr. 5–8	July 2–3, 5–6	9:00am–12:00pm	51028	\$160
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Cross Training

Grades 6–9

Instructor: Joanna Murphy, High Rock Math Teacher

This class is designed for anyone who enjoys being active, including those trying to get a competitive edge or wanting to keep in shape during the off-season. Whether you join us for one or both weeks, you will be challenged to reach new fitness goals by combining stretching, agility drills, running, circuit training, weight lifting, nutrition and more. Regardless of your skill level, this class will give you the individualized instruction you need to meet your goals. Each class will include individual exercises and drills along with team games. Learn the importance of maintaining a healthy lifestyle while incorporating new ways to make exercise fun!

Limited to 14 students

High Rock School

Gr. 6–9	July 16–20	9:00am–12:00pm	51029.1	\$170
Gr. 6–9	July 23–27	9:00am–12:00pm	51029.2	\$170

Cupcake Decorating

Grades 3–6

Instructors: Karen Vona McIntyre, NHS Library Technical Assistant and Vicky Neale, High Rock Special Ed TA

Learn to bake, design and decorate cupcakes. In class you will learn to follow cake and frosting recipes to create different kinds of fun cupcake treats. You will learn simple decorating techniques using frosting, candy and fondant to create tie dye, emoji, and monster cupcakes and a beautiful cupcake bouquet. Each day you will go home with cake treats to share with your family. On the last day we will have a Cupcake Celebration to show off our beautiful decorating skills.

Limited to 15 students

High Rock School

Gr. 3–6	July 23–27	12:30–3:30pm	51030	\$195
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Dance Explorations: Jazz and Hip Hop

Grades 3–5 and 6–9 (see below)

Instructor: Karinne Hansen, Boston Public Schools

Speech Pathologist

This course is open to dancers of all levels and is a great continuation of last summer's Jazz and Hip-Hop class. Designed to increase your coordination, body awareness, cooperation, and self-esteem, you will stay active and have fun in a relaxed and positive atmosphere. You will stretch and strengthen with a Pilates based warm-up at the start of each session. The rest of each session will be devoted to learning a jazz or hip-hop routine. In a small group, you will choreograph a routine in your preferred style. All dances will be performed at a Dancers' Showcase for friends and family at the end of the week. No prior dance experience is necessary.

► **Note:** Students should bring a yoga mat to class each day.

Limited to 12 students

High Rock School

Gr. 6–9	July 23–27	9:00am–12:00pm	51031.1	\$170
Gr. 3–5	July 23–27	12:30–3:30pm	51031.2	\$170

Design Your Own Board Game

Grades 3–6

Instructor: Tracy Ahrens, Pollard TA

Design, plan and create your own board game! We will play some traditional games and brainstorm what makes them fun, unpredictable and beloved. Then, we will discuss strategies needed to create a successful game. There will be time to share your finished games with each other.

Limited to 12 students

High Rock School

Gr. 3–6	July 23–27	12:30–3:30pm	51032	\$195
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**Register online* beginning at
7:00am on Monday, March 12th.**

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x235.*

Disc Sports

Grades 5–9

Glen Hopkins

Instructor: Glen Hopkins, NHS Wellness Teacher

*** NEW *** Do you like to throw the disc? Would you like to learn how? Come to our disc sports week, with high school wellness teacher Glen Hopkins, to explore a variety of games and skills using all manner of flying discs. Whether it be freestyle tricks to a functional forehand or backhand, we'll practice and play disc sports to include: disc golf, ultimate Frisbee, double disc court, guts, MTA (maximum time aloft), capture the disc, disc bocci and probably a few more we'll make up. We will also create our own disc golf course along the way. Hope to see you there.

Limited to 18 students

High Rock School

Gr. 5–9	July 2–3, 5–6	9:00am–12:00pm	51033	\$180
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Disney Delight

Grades 1–3

Instructor: Tracy Gay, Hillside and Newman Occupational Therapist

*** NEW *** Enter the wonderful world of Disney as we experience the fun and fantasy of Disney movie magic. Each day we will connect with the characters as we enjoy watching brief scenes from their movie followed by a variety of activities. Explore your emotions as we get to know the lovable *Inside Out* characters. The Disney *Dinosaur* movie will inspire us to make our own fossils. Test your superhero skills with *The Incredibles*. Back by popular demand are two of our past Disney hits. Let your imagination fly as you design your own treasure map and walk the plank with Peter Pan, but beware of Tick Tock Croc! Work as a team in a *Wreck it Ralph* challenge then make your own candy car just like Vanellope. Join us for a week of movement, games, arts and crafts and lots of fun as we delight in Disney adventures.

Limited to 15 students

Hillside School

Gr. 1–3	July 2–3, 5–6	8:45–11:45am	51034	\$175
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Duct Tape Creations

Grades 3–5

Instructor: Jennifer Priesing, Special Ed Teacher

Have you ever wanted to make some new creations with duct tape or try a new pattern out? Well then this is the class for you! 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 and boring items by covering and embellishing them with duct

tape. Turn lunch boxes, frames and notebooks into duct tape masterpieces. Wait to see what creative inventions we will surprise you with!

Limited to 10 students

Hillside School

Gr. 3–5	July 2–3, 5–6	8:45–11:45am	51035.1	\$175
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High Rock School

Gr. 3–5	July 9–13	9:00am–12:00pm	51035.2	\$220
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Engineering Bridges

Grades 5–7

Instructors: Tamara Hosford Keough, High Rock Science Teacher and Joanna Murphy, High Rock Math Teacher

*** NEW *** 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 handling food products during this course. Please alert us to any food allergies when registering.*

Limited to 15 students

High Rock School

Gr. 5–7	July 16–20	12:30–3:30pm	51037.1	\$200
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Gr. 5–7	July 23–27	12:30–3:30pm	51037.2	\$200
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Environmental Awareness

Grades 3–5

Instructor: Joanna Caliman, High Rock ELA Teacher

Participate in a week of engaging activities designed to strengthen your appreciation of nature and the environment. You will learn how the things people do affect the environment and how you can make a difference, starting with your own town. You will also make crafts related to the environment, including bird feeders, flower pots, and creations made out of recycled materials.

► **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

Hillside School

Gr. 3–5	July 9–13	8:45–11:45am	51039	\$195
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Fairies and Sprites: Fantasy World Fun

Grades 1–3

Instructor: Ellen Porter, Eliot TA

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 and dance to magical music. We will make magic wands so we can cast good spells, play whimsical games and listen to stories from fantasy fairy books. We will also decorate an adorable, miniature fairy house. 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 handling food products during this course. Please alert us to any food allergies when registering.

Limited to 10 students

Hillside School

Gr. 1–3	July 16–20	12:15–3:15pm	51040	\$200
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Glass Art

Grades 3–5 and 6–9 (see below)

Instructor: 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, mosaic, and etching. 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

Gr. 6–9	July 2–3, 5–6	9:00am–12:00pm	51042.1	*\$105
Gr. 3–5	July 2–3, 5–6	12:30–3:30pm	51042.2	*\$105

***Class requires an additional \$75.00 materials fee payable to the instructor. Details to follow upon registration.**

Gr. 3–5	July 9–13	9:00am–12:00pm	51042.3	**\$130
Gr. 6–9	July 9–13	12:30–3:30pm	51042.3	**\$130

****Class requires an additional \$85.00 materials fee payable to the instructor. Details to follow upon registration.**

Harry Potter's World

Grades 3–6

Instructor: Tracy Ahrens, Pollard Special Ed TA

Join us for a week of fun, just like at the magical school of Hogwarts! Talk about Harry Potter, do magical art activities, play games of wizardry, watch clips from the movies, and read short excerpts from the books. You will also have the chance to do

some creative writing of your own. We will spend time inside and outside exploring the wizarding world of Harry and his friends.

Limited to 10 students

High Rock School

Gr. 3–6	July 16–20	9:00am–12:00pm	51044.1	\$200
Gr. 3–6	July 23–27	9:00am–12:00pm	51044.2	\$200

History Buffs:

Uncover the Mysteries of Needham with Needham History Center & Museum

Grades 6–9

Instructors: Gloria Greis and Suzanne Baker, Needham History Center & Museum staff members

*** NEW *** Travel back in time as we visit Needham's past! Discuss and explore the Needham History Center's unique historical (and pre-historic!) collections. Discover the hidden stories behind the places you see every day. Uncover the mysteries of the Needham Cemetery and the Baker Estate. Bring your walking shoes and enjoy field trips to some of Needham's notable historical sites.

Limited to 12 students

Needham History Center

Gr. 6–9	July 2–3, 5–6	9:00am–12:00pm	51045	\$220
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iMovie Making

► FULL DAY CLASS

Grades: 5–9

Instructors: Karen Vona McIntyre, NHS Library Technical Assistant and Gabe Guerra, Newman Media Technology Assistant

Come join us for a week of movie-making magic! You will act, direct, edit and produce, while learning the ins and outs of iMovie. Become the envy of all your friends while learning how to add eye-popping special effects, amazing transitions, and your favorite songs as a soundtrack. Bring your imagination, creativity, and ideas for your movie!

► **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

Gr. 5–9	July 2–3, 5–6	9:00am–3:30pm	51046.1	\$330
Gr. 5–9	July 16–20	9:00am–3:30pm	51046.2	\$410

Improv and Acting Workshop

Grades 5–9

Instructor: Kate Donnelly, High Rock Speech-Language Pathologist

*** NEW *** Join us for a fun week as students will learn improv skills, watch and study brief videos of improv sketches and participate in creative improv activities and sketches. Students will also learn to analyze scenes from known plays and perform the scenes using scripts.

Limited to 10 students

High Rock School

Gr. 5–9	July 2–3, 5–6	12:30–3:30pm	51047.1	\$165
Gr. 5–9	July 16–20	9:00am–12:00pm	51047.2	\$205

Inside Look at the Medical Profession

Grades 6–9

Instructors: Beth Israel Deaconess-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 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.

Limited to 10 students

High Rock School

Gr. 6–9	July 23–27	9:00am–12:00pm	51005	\$220
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It's a Small World

Grades 1–3

Instructor: Tracy Gay, Hillside and Newman Occupational Therapist

*** NEW *** 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, music, dance, geography and foreign language as we discover faraway lands where Disney stories take place. You will find that it's a small world after all.

Limited to 15 students

Hillside School

Gr. 1–3	July 23–27	12:15–3:15pm	51048	\$210
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Kids Can Cook

Grades 3–5 and 4–6 (see below)

Instructors: Jennifer Murray, Newman Librarian and Cathy Herndon, Newman 1st Grade Teacher

We will create several delicious recipes during our time together. The recipes will revolve around a different daily theme, such as Salad Day, Fair Food and Cookie Day. You will experience new flavors and learn how combining different 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, recipe book, and hopefully lots of new ideas, skills and enthusiasm for working (playing?!) in the kitchen.

► **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 15 students

Hillside School

Gr. 3–5	July 9–13	8:45–11:45am	51049.1	\$225
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High Rock School

Gr. 4–6	July 23–27	9:00am–12:00pm	51049.2	\$225
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Kids Can Cook: Gluten Free Cooking

Grades 4–6

Instructors: Jennifer Murray, Newman Librarian and Cathy Herndon, Newman 1st Grade Teacher

Come join us for a fun-filled (and delicious!) week of exploring, cooking and eating Gluten Free. Each day we will prepare a three to five course meal, using both fresh ingredients, naturally GF ones, and explore substitutes that allow us to still make our favorite recipes that are traditionally wheat-based (cakes, cookies, rolls, etc). At the end of each class, we will eat our creations. You are encouraged to bring containers in case we have enough left over to share at home. On Friday, students will bring home a decorated apron, a self-illustrated cookbook of our recipes, and the skills, ideas and enthusiasm for working and playing at home in the kitchen. We hope you can join us on this 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 15 students

High Rock School

Gr. 4–6	July 16–20	9:00am–12:00pm	51050	\$225
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Knitting for Beginners

Grades 3–5 and 3–6 (see below)

Instructors: Laura McGovern, Dover-Sherborn Public Schools Teacher (High Rock location); and Casey Gill, Newman 5th Grade Teacher (Hillside location)

Have you always wanted to learn how to knit? Spend a week this summer learning the knitting basics, including: how to begin and end a project, casting on and binding off, and the knit and purl stitches. You will work on and complete a project of their choice. Projects to choose between will include potholders, scarves, hats, and small blankets.

Limited to 10 students

High Rock School

Gr. 3–6	July 2–3, 5–6	9:00am–12:00pm	51051.1	\$160
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Hillside School

Gr. 3–5	July 16–20	8:45–11:45am	51051.2	\$195
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LEGO Mania

Grades 1–3

Instructor: Victoria Neale, High Rock Special Ed TA

Come and have fun designing and building LEGO creations. Tackle different projects based on a theme—animals, buildings, transport etc. or come up with your own LEGO masterpieces.

Limited to 10 students

Hillside School

Gr. 1–3	July 16–20	8:45–11:45am	51052.1	\$195
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Gr. 1–3	July 23–27	8:45–11:45am	51052.2	\$195
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Let's Build: Building a Mars Rover

Grades 5–8

Instructor: Liz Lee, Let's Build Engineering Educator

*** NEW *** Build your own Mars Rover out of a mixture of high and low-tech materials. The body will be made of cardboard while the inner workings will require understandings of circuits and more! You will work on your project in small groups, supporting each other, troubleshooting, and learning together. We will also cover basic information about the real Mars Rover, Curiosity, and end with a celebration to which families are invited for a demonstration of our Rovers in action. No experience or special knowledge needed — we learn as we build.

Limited to 8 students

High Rock School

Gr. 5–8	July 2–3, 5–6	12:30–3:30pm	51053	\$245
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Let's Build: Connect Electrify and Build

Grades 1–3

Instructor: Liz Lee, Let's Build Engineering Educator

Kids love to build! Join us this summer for a class which combines building with circuits and coding. You will gain a basic knowledge of circuits and electricity through challenges with Snap Circuits and Makey Makey. Learn to code with Scratch Junior and BeeBots, and then explore new ways to apply these ideas... and build our own challenges! Come have fun with Let's Build (and learn 21st century skills)!

Limited to 10 students

Hillside School

Gr. 1–3	July 23–27	8:45–11:45am	51054	\$225
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Let's Build: Engineering Makerspace

Grades 5–7

Instructor: Liz Lee, Let's Build Engineering Educator

*** NEW *** The Let's Build Engineering Makerspace is a place for kids to get together in order to create, invent, learn and share. This class will combine a review of basic information about circuits (including breadboards) and other science ideas with low-tech project planning, building, testing and revising. Each day, will include self-directed building sessions drawing from a variety of everyday materials. We'll also highlight local engineers who invented their own products for inspiration. No special knowledge or experience needed! Come open to learn, to teach to share, and most of all to build.

Limited to 8 students

High Rock School

Gr. 5–7	July 9–13	12:30–3:30pm	51038	\$260
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Let's Build: Girls in Engineering

Grades 5–7

Instructor: Liz Lee, Let's Build Engineering Educator

Engineering makes the world a better place. Join Let's Build for five fun-filled days of building and testing on Let's Build's earthquake table! Can your structure withstand shaking? We'll experiment with different materials, surfaces, structures, shapes, and even make our own low tech shake tables. Join us for fun engineering design challenges focused on making the world a better and safer place!

Limited to 10 students

High Rock School

Gr. 5–7	July 9–13	9:00am–12:00pm	51055	\$225
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Let's Build: Harnessing the World's Energy

Grades 5–7

Instructor: Liz Lee, Let's Build Engineering Educator

How much power does a rubber band have? Do we need electricity--how hard is it to capture other forms of energy and put them to use? This class explores natural energy sources through hands-on engineering challenges. Build a "super slinger" and launch a ping pong ball 20 ft. Test a variety of solar cooking surfaces, lift weight by designing and revising water wheel paddles, learn about projectiles with Stomp Rockets, and more. Meet us at the intersection of building, science, energy and fun!

Limited to 10 students

High Rock School

Gr. 5–7	July 2–3, 5–6	9:00am–12:00pm	51056	\$180
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Let's Build: Water Engineering

Grades 1–3

Instructor: 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

Hillside School

Gr. 1–3	July 16–20	12:15–3:15pm	51057.1	\$225
Gr. 1–3	July 23–27	12:15–3:15pm	51057.2	\$225

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

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online.
Please contact NCE for assistance at 781-445-0400 x235.*

Let's Chill: Winter in July

Grades 1–3

Instructor: Tracy Gay, Hillside and Newman Occupational Therapist

*** NEW *** When summer temperatures sizzle, take a plunge into a winter wonderland of activities to melt that heat! Enjoy a blizzard of arts & crafts, games, storytelling, and even a little wintry science to make this one cool week. Frozen fun will abound as we explore winter in July.

Limited to 15 students

Hillside School

Gr. 1–3	July 16–20	12:15–3:15pm	51089.1	\$210
Gr. 1–3	July 23–27	8:45–11:45am	51089.2	\$210

Magical Art

Grades 3–6

Instructor: 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

Gr. 3–6	July 2–3, 5–6	9:00am–12:00pm	51058	\$175
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Magical Mindfulness and Yoga

Grades 1–3

Instructor: Deborah Seri, Mitchell 2nd Grade Teacher

*** NEW *** Come and practice mindfulness activities including a nature walk, making glitter jars, guided meditation activities and yoga. We will learn about what happens to our brains when we practice mindfulness and calm our "monkey minds." We will bring in stuffed animals and see how they rise and fall when we do our belly breathing. Get ready to be in the present moment and think of it as a gift!

Limited to 10 students

Hillside School

Gr. 1–3	July 2–3, 5–6	12:15–3:15pm	51059	\$160
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Make Your Own Dreamhouse

Grades 3–5

Instructors: Caitlin MacDonald, Newman 2nd Grade TA; with Vanessa Iorlano, Newman 4th Grade Teacher (week of 7/9); and Kristie Griffin, Newman 2nd Grade Teacher (week of 7/23)

Design and create your own miniature dream home using household items, art supplies, and a whole lot of creativity. You decide if the floors will be covered with yarn, cloth or felt rugs. Or you may choose to make a hardwood floor! Design a chandelier or a fireplace mantle. Add a TV and pictures on the walls. You may paint or wallpaper the rooms. Make chairs, a kitchen table, table lamp or floor lamp, curtains and shades. Have you ever made a bed from a clementine box and chopsticks? A toilet from the top of a vitamin bottle? We will be using many things that you would never think to save. Our work will be done using many disposable household items, cloth, felt, wood scraps, cardboard, wood beads, old jewelry, lace, paint, glue and too many other items to list! Use your creativity to design your bedroom, bathroom, kitchen and family room. Want to create a specialty room? You may add window shutters and window boxes for flowers. You can even add shrubbery!

Limited to 12 students

Hillside School

Gr. 3–5	July 9–13	8:45–11:45am	51060.1	\$205
Gr. 3–5	July 23–27	8:45–11:45am	51060.2	\$205

Math Creations and Challenges

Grades 3–5

Instructors: Elaine McKenna, Hillside and Eliot Math Specialist; and Christine Shelley, Special Ed 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.

Limited to 16 students

High Rock School

Gr. 3–5	July 9–13	12:30–3:30pm	51061	\$195
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Mini-Bakers

Grades 1–3

Instructors: Kayla Bedigan and Liz Storer, Hillside TAs

Young bakers will have a blast making mini treats! You will learn baking basics while you create mini pizzas, mini apple pies, and many other favorites.

► **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

Hillside School

Gr. 1–3	July 2–3, 5–6	8:45–11:45am	51062.1	\$185
Gr. 1–3	July 16–20	8:45–11:45am	51062.2	\$225
Gr. 1–3	July 23–27	8:45–11:45am	51062.3	\$225

Minute to Win It

Grades 3–6

Instructors: Jasmine Sanders and Kristen Hansen, Newman ELC Aides

Laughs, fun and action will abound in this class! Singles, partners and teams will take on fun challenges, with just a minute to complete each. Challenges will include: Stack Attack, Baby Rattle, Junk in the Trunk, and Sticky Nose, 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 12 students

High Rock School

Gr. 3–6	July 16–20	12:30–3:30pm	51063	\$235
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Nature Fun

Grades 1–3

Instructors: Allie Lanctot and Becca Gencarelli, Hillside ELC TAs

Explore the natural environment around Hillside. Then, enjoy group discussions about what we saw, learn about our environment, and create nature-themed art projects.

► **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 15 students

Hillside School

Gr. 1–3	July 23–27	12:15–3:15pm	51064	\$190
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Parkour

Grades 3–5 and 5–9 (see below)

Instructors: Parkour Generations Staff Members

Parkour, the exciting fitness trend, is coming to Summer Explorations! You will learn to view the world as a movement play-scape. The trained Parkour Generations staff members will demonstrate how to have a fun and safe workout incorporating unique elements on the High Rock campus and in the surrounding neighborhood, such as handicap ramps, low walls, park benches and more.

► **Note:** *This class will be held outside, rain or shine, so dress accordingly.*

Limited to 15 students

High Rock School

Gr. 3–5	July 16–20	9:00am–12:00pm	51065.1	\$235
Gr. 5–9	July 16–20	12:30–3:30pm	51065.2	\$235

Podcasting: Creating Audio Pieces

Grades 5–9

Instructor: Michael Ross, Eliot 5th Grade Teacher

* **NEW** * Podcasting has become a popular means to access news, opinions, and entertainment with the rise in access to technology. Join us for an introduction into creating, producing, and editing a podcast. Learn creative, opinion, or informational writing through a new technological medium. Students bring their own interests and collaborate with others to create a podcast by the end of the week, while acquiring the skills to independently produce their own sound as well.

Limited to 10 students

High Rock School

Gr. 5–9	July 23–27	12:30–3:30pm	51066	\$210
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Printing and Stamping

Grades 2–5

Instructor: Jennifer Priesing, Special Ed Teacher

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!

Limited to 10 students

Hillside School

Gr. 2–5	July 16–20	8:45–11:45am	51067.1	\$200
Gr. 2–5	July 23–27	8:45–11:45am	51067.2	\$200

Printmaking

Grades 5–9

Instructor: 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 relief blocks with foam shapes, print from found objects such as leaves, create collagraph printing plates from all sorts of textured materials, and do several different projects carving and printing rubber blocks. Students will be introduced to some of the issues involved in printmaking, such as positive and negative space, texture, designing with no mid-tones, safety when carving, and different uses of multiples. Each day will involve explanation of new techniques, plus time to work on creating the different blocks, as well as printing, and eventually signing and mounting work for display. Parents will be invited to view our exhibited art work at the end of the last class.

Limited to 10 students

High Rock School

Gr. 5–9	July 9–13	9:00am–12:00pm	51068.1	\$200
Gr. 5–9	July 16–20	12:30–3:30pm	51068.2	\$200

Scavenger Hunting and Geocaching

Grades 5–9

Instructors: Karen Vona McIntyre, NHS Library Technical Assistant and Joanne Sullivan NHS Special Ed TA

Do you like adventure? Do you like to be outdoors? Then come 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 and how to use a GPS to locate caches.

Do you like adventure? Do you like to be outdoors? Then come 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 and how to use a GPS to locate caches.

► **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.*

Limited to 16 students

High Rock School

Gr. 5–9	July 9–13	9:00am–12:00pm	51041.1	\$195
Gr. 5–9	July 23–27	9:00am–12:00pm	51041.2	\$195

Science in a Jar

Grades 3–5

Instructor: Erin McElhinney, Boston Renaissance Charter Public School Teacher

*** NEW *** In this class we will do a number of different experiments and crafts using mason jars. This is an exciting and fun class that ties science, art, and nature together! Learn about the eco system and aquaponics by creating “aqua gardens”. Create with organic materials and build your own terrariums, snow globes, rainbow jars, and glow jars. Students will learn about science and art through a creative process and will have exciting projects to take home every day.

Limited to 10 students

Hillside School

Gr. 3–5	July 2–3, 5–6	8:45–11:45am	51069.1	\$160
Gr. 3–5	July 16–20	8:45–11:45am	51069.2	\$200
Gr. 3–5	July 23–27	12:15–3:15pm	51069.3	\$200

Screenplay Writing

Grades 5–8

Instructor: Joanna Caliman, High Rock ELA Teacher

*** NEW *** 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

Gr. 5–8	July 16–20	12:30–3:30pm	51070	\$190
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Sensational Scientists

Grades 1–3

Instructors: Amy McDavitt, 3rd Grade Teacher; and Ellen Porter, Eliot TA

Let your inner scientist come out! Experience a different kind of science every day with fun experiments, and discoveries. Use a variety of materials to create and complete “take home” science exhibits.

► **Allergy Alert:** *Children will be coming in contact with and eating food products (including wheat flour) during this course. Please alert us to any food allergies when registering.*

Limited to 12 students

Sensational Scientists continued:

Hillside School

Gr. 1–3	July 2–3, 5–6	8:45–11:45am	51071.1	\$175
Gr. 1–3	July 9–13	8:45–11:45am	51071.2	\$220
Gr. 1–3	July 16–20	8:45–11:45am	51071.3	\$220
Gr. 1–3	July 23–27	8:45–11:45am	51071.4	\$220

Sew by Hand

Grades 3–5

Instructors: Jasmine Sanders and Kristen Hansen, Newman ELC Aides

Everyone needs to know how to sew on a button. This class will teach you just that and so much more! You will learn basic hand sewing stitches, how to add appliques, and of course, how to sew on buttons. You will also work with basic patterns to further your sewing knowledge. At the end of the week, you will have made around 6–8 projects to bring home. Projects will include: an emoji pillow, book covers and stuffed animals.

Limited to 15 students

High Rock School

Gr. 3–5	July 23–27	9:00am–12:00pm	51072	\$210
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Snack Attack! Create, Make and Take

Grades 1–3

Instructors: Caitlin Concannon, Newman 2nd Grade TA; and Kate Distaso, Newman Kindergarten and 3rd Grade TA

*** NEW *** 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

Hillside School

Gr. 1–3	July 9–13	12:15–3:15pm	51073	\$235
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Sports of All Sorts I

Grades 1–2

Instructors: Week of 7/2: Paula Kelley, Pollard Wellness Instructor; with Renee Campana, Pollard Special Ed Teacher. Week of 7/9: Paula Kelley, Pollard Wellness Instructor and with Julie Vona, Pollard Special Ed Teacher. Week of 7/16: Kerry Eaton, former High Rock PE Teacher and Kathleen Kelley, Milton High School History Teacher. Week of 7/23: Paula Kelley, Pollard Wellness Instructor and Kerry Eaton, former High Rock PE Teacher.

*** NEW *** 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 18 students

Hillside School

Gr. 1–2	July 2–3, 5–6	8:45–11:45am	51074.1	\$145
Gr. 1–2	July 9–13	8:45–11:45am	51074.2	\$175
Gr. 1–2	July 16–20	8:45–11:45am	51074.3	\$175
Gr. 1–2	July 23–27	8:45–11:45am	51074.4	\$175

Sports of All Sorts II

Grades 3–5

Moore Dodge, NHS Social Studies Teacher

*** NEW *** 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

Hillside School

Gr. 3–5	July 2–3, 5–6	8:45–11:45am	51075.1	\$145
Gr. 3–5	July 9–13	8:45–11:45am	51075.2	\$175
Gr. 3–5	July 16–20	8:45–11:45am	51075.3	\$175
Gr. 3–5	July 23–27	8:45–11:45am	51075.4	\$175

Start Your Own Business

Grades 5–9

Instructor: Peter Caccavale, NHS Latin Teacher

Learn the skills needed to start your own business! We will brainstorm business ideas that match your talents with products or services that others might need. We will also learn some of the basic economic aspects of a business and do research on successful entrepreneurs. Together, we will design a product and work in small “think tank” groups to launch our joint business venture. As a culminating activity, you will market your own business by building a website and doing a mock sales pitch to a panel of judges.

Limited to 12 students

High Rock School

Gr. 5–9	July 16–20	9:00am–12:00pm	51076.1	\$185
Gr. 5–9	July 23–27	12:30–3:30pm	51076.2	\$185

Street Hockey

Grades 5–9

Instructor: Mark Yetman, Pollard Guidance Counselor

Come join Mr. Yetman for some good old hockey time. This popular sports activity will test your endurance, hand/eye coordination, strength and cooperation. You will learn the positions of hockey and the importance of teamwork and sportsmanship.

► **Note:** Please bring your own hockey stick.

Limited to 12 students

High Rock School

Gr. 5–9	July 9–13	9:00am–12:00pm	51077	\$170
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Summer Challenges and Fun!

Grades 3–5

Instructors: Allie Lanctot and Becca Gencarelli, Hillside ELC TAs

*** NEW *** Join us for a week of summer fun as we enjoy a variety of challenges, games and activities! Enjoy a little friendly competition both outside, with relay races, sack races and water balloon toss, and inside with Scategories, Trivia and puzzles. Get creative, and a little messy, as we experiment with spin art and tie-dye. Learn the value of teamwork, make new friends and enjoy summer with this action-packed class!

Limited to 15 students

High Rock School

Gr. 3–5	July 2–3, 5–6	9:00am–12:00pm	51043.1	\$160
Gr. 3–5	July 23–27	9:00am–12:00pm	51043.2	\$200

Summer Explorations Musical Theater

► TWO-WEEK / FULL DAY CLASS

Grades 3–7

Director: Kristen Mazzocchi, Arts Education Consultant and Director

Musical Director: Teresa Blume, Voice Instructor

Have you ever wanted perform in a musical and have the chance to act, sing and dance onstage? Or, have you already been in a theatrical production, and yearn to do it again. Musical theater novices and veterans: Join us for a 3-week summer musical experience! You will be cast in a musical that will be performed for parents and the community at the end of the 3-week program. During our time together, you will learn acting techniques and have a chance to hone your singing talents. Have fun learning lots of new skills, making new friends, singing, dancing and acting!

Limited to 25 students

Newman School

Gr. 3–7 (two-week class)

July 16–20 & 23–27	9:00am–3:30pm	51078	\$730
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Superheros with a Twist

Grades 1–3

Instructors: Beth Batchman, Newman Speech and Language Pathologist with Laurie Kraemer, Newman Kindergarten, 1st and 5th Grade TA (week of 7/2); and with Amanda Frith, Newman Preschool TA (week of 7/23)

*** NEW *** 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 15 students

Hillside School

Gr. 1–3	July 2–3, 5–6	12:15–3:15pm	51079.1	\$165
Gr. 1–3	July 23–27	8:45–11:45am	51079.2	\$210

Team Sports

Grades 5–9

Instructor: Michael 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

Gr. 5–9	July 16–20	9:00am–12:00pm	51080.1	\$170
Gr. 5–9	July 23–27	9:00am–12:00pm	51080.2	\$170

Theater Games

Grades 1–3

Instructor: Deborah Seri, Mitchell 2nd Grade Teacher

*** NEW *** This is all about fun, creativity, building confidence and stretching our imagination. We will make new friends while developing our public speaking and creative thinking skills. Each class will be filled with drama games, improvisations and cooperative group work. Get ready to laugh and participate in role playing and silly games.

Limited to 10 students

Hillside School

Gr. 1–3	July 16–20	12:15–3:15pm	51081	\$190
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Theater Production and Set Design

► FULL DAY CLASS

Grades 5–8

Instructors: Sally Tomasetti, Set Designer; and Brian Anderson, Technical Director

In this unique class, gain exposure to many aspects of theater production, in conjunction with the Summer Explorations Musical Theater program's Broadway production. You will learn how to design and build theater sets and create props. You will also learn how to operate a stage lighting and sound system. On performance day, experience the excitement of working behind the scenes as a member of the stage crew.

Limited to 12 students

Newman School

Gr. 5–8	July 23–27	9:00am–3:30pm	51082	\$395
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Register online* beginning at 7:00am on Monday, March 12th.

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-445-0400 x235.*

Trains, Planes and Automobiles

Grades 1–3

Instructor: Ellen Porter, Eliot TA

*** NEW *** 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 tracks. Design an airport with runways and a control tower then pilot airplanes and helicopters into the friendly skies. Create a construction site where mountains of rocks need to be moved by dump trucks and bulldozers. Build a race track and cheer as your matchbox car races to the finish line. Come join us for some rumbling summertime fun!

Limited to 10 students

Hillside School

Gr. 1–3	July 9–13	12:15–3:15pm	51083	\$200
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Travel the World

Grades 3–5

Instructors: Elaine McKenna, Hillside and Eliot Math Specialist; and Christine Shelley, Special Ed Teacher

Have you ever been curious about life in France? Or have you wondered what children your age in Brazil like to do for fun? In Travel the World, we will visit a different country each day, where we will explore popular books, arts, music, games, and food. We will also make a craft project to bring home as a souvenir of our journey.

Limited to 16 students

High Rock School

Gr. 3–5	July 16–20	9:00am–12:00pm	51084	\$195
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Unsports and Games

Grades 1–3

Instructor: Nancy Goldstein, Mitchell Guidance Counselor

In this class, we will focus on learning and playing non-competitive, cooperative sports and games. We will also explore ways to improve our sportsmanship, social skills, and our self-confidence. The day will start with an indoor game where we will greet everyone and have a chance to share about ourselves. We will then move outside to learn and play fun and active games that focus on cooperation rather than winning or losing. At the end of the week, you will bring home an award for yourself describing what skills you excelled at over the week.

Limited to 12 students

Hillside School

Gr. 1–3	July 16–20	8:45–11:45am	51085	\$180
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Upcycled Fashion

Grades 3–6 and 6–9 (see below)

Instructor: Hila Krikov, Fashion Designer

*** NEW *** Do you have old t-shirts that you don't wear any more? Do like fashion and wish you could put your own twist on the clothes you wear? If you answered yes, then join us to learn techniques to upcycle (reuse) these garments in a way that results in a higher quality product than the original. Learn ways to refashion an old t-shirt by cutting, braiding and tying. Transform an oversized shirt to a fitted and trendy top. Upgrade a plain and basic shirt by using other shirt's material to cut embellishments, by stenciling, or by hand embroidery. Your final project will focus on making a t-shirt yarn; that you will use to create a wall hanging to decorate your room.

Limited to 10 students

High Rock School

Gr. 3–6	July 16–20	9:00am–12:00pm	51086.1	\$200
Gr. 6–9	July 23–27	12:30–3:30pm	51086.2	\$200

Video Game Live Action Play

Grades 5–9

Instructors: Sally Tomasetti, Designer, Artist, Video Game Enthusiast

Live out a video game! Create, design and build a live video game. Plan your team look and name and set the rules. Build a helmet or Minecraft head. Make slime to attack the enemy. Create treasure to guard. Construct a fort. Get ready to battle!

► **Note 1:** Be prepared to get wet—water guns will be used for the final battle day!

► **Note 2:** Students may bring their own gaming devices for our tip-sharing time.

Limited to 10 students

High Rock School

Gr. 5–9	July 9–13	12:30–3:30pm	51087	\$195
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Register online* beginning at 7:00am on Monday, March 12th.

Use this link to register:

<https://www.schoolpay.com/link/SE2018>

**Scholarship registrations cannot be taken online. Please contact NCE for assistance at 781-445-0400 x235.*

Virtual Reality Video Making

► FULL DAY CLASS

Grades 5–9

Instructors: 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 this one](#). 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

Gr. 5–9	July 9–13	9:00am–3:30pm	51088	\$435
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What is Dungeons and Dragons?

Grades 6–9

Instructor: Adam Kelberman, Cameron Middle School Physical Educator

* **NEW** * 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 8

High Rock School

Gr. 6–9	July 9–13	9:00am–12:00pm	51036	\$215
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WOW Science

Grades 3–5

Instructors: Elaine McKenna, Hillside and Eliot Math Specialist; and Christine Shelley, Special Ed 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 *WOW Science*! In this science class, we will do many different experiments each day that explore the human body, life science, earth science, and space science. We will keep a journal where we will learn to predict what will happen in an experiment and then draw 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 may be coming in contact with food products during this course. Please alert us to any food allergies on your registration form.

Limited to 14 students

High Rock School

Gr. 3–5	July 9–13	9:00am–12:00pm	51090.1	\$190
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Hillside School

Gr. 3–5	July 23–27	8:45–11:45am	51090.2	\$190
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Yoga

Grades 3–6 and 6–8 (see below)

Instructor: Kristin Boyd, Broadmeadow 5th Grade Teacher

In this class, students will have an opportunity to learn and practice Hatha Yoga and mindfulness. Students will learn gentle yoga practices to help them balance their emotions and remain present in their bodies, all while building physical strength and flexibility. Each session will include discussions and tips for bringing mindfulness and meditation into everyday life!

► **Note:** Students should bring a yoga mat to each class.

Limited to 12 students

High Rock School

Gr. 6–8	July 16–20	9:00am–12:00pm	51091.1	\$160
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Gr. 3–6	July 16–20	12:30–3:30pm	51091.2	\$160
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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, with the assistance of varsity athletes. **Grade Ranges:** Grade ranges represent the grade the child will be entering in the fall of 2018.

Rockets 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

Pollard Middle School Gyms

Gr. 3–7	June 21–22	9:00am–12:00pm	50268.1	\$75
Gr. 8–12	June 21–22	1:00pm–4:00pm	50268.2	\$75

Rockets 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

Pollard Middle School Gyms

Gr. 6–12	June 25–28	9:00am–3:00pm	50268.3	\$200
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Rockets 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

Gr. 3–9	July 23–26*	9:00am–12:30am	50478	\$150
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**Rain date is Friday, July 27*

Rockets 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

Gr. 5–9	July 9–12*	9:00am–12:30am	50388	\$150
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**Rain date is Friday, July 13*

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

Pollard Middle School Gyms

Gr. 4–8	July 30–Aug 2	5:00pm–8:00pm	50415	\$150
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Registration Information for Sports Clinics

- **Registration:** Register online* using School Pay **beginning at 7:00am on MONDAY, MARCH 12**, using link: <https://www.schoolpay.com/link/NCECLINICS2018>
- **Scholarship Assistance** is available for students who receive free or reduced lunch. Please call NCE for details, 781-455-0400 x235.
- **Withdrawals** (minus a \$30 processing fee) will be accepted until May 15, 2018. Refunds will be made by check from the Town of Needham, and may take up to 3 weeks.
- **No refunds or credits** will be issued after May 15, 2018.
- **Questions?** Contact Amy Goldman, NCE Program Director, at amy_goldman@needham.k12.ma.us or 781-455-0400 x214.

Summer Programs for High School Students

- SAT Prep, College Tours, College Choices and College Essay Writing Programs
- Life Skills Classes (Cooking Basics, Career Skills and more)
- Community Service programs in Boston
- Just for fun offerings

Details and registration information for these programs can be found on the [NCE website](#). If you have any questions, contact Amy Goldman, NCE Program Director, at amy_goldman@needham.k12.ma.us or 781-455-0400 x214.