



2017 summer explorations

Great value and loads of fun...

Don't let your child miss out!

We hope your child will join us for at least one of our fun-filled weeks:

Week 1: July 3-7

Week 2: July 10-14

Week 3: July 17-21

Week 4: July 24-28

Needham Community Education is delighted to present over 80 exciting and engaging workshops for children entering grades 1-9. Most classes are weeklong, in the morning or afternoon. There are workshops 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 staff members and other trained education professionals. This summer's program sites are the Broadmeadow School and the High Rock School.

FOR STUDENTS WHO TAKE A FULL DAY OF CLASSES bring a lunch from home and enjoy a supervised lunch with your friends in the Broadmeadow or High Rock cafeteria.

**Please note: no transportation is provided between the Broadmeadow and High Rock Schools.*

Register Online* beginning at 7:00AM on Monday, March 13

Use this link to register: <https://www.schoolpay.com/link/SE2017>.

**Scholarship registrations cannot be taken online. Please contact NCE for assistance (781-455-0400 x235).*



**ELEMENTARY
PROGRAMS**

**MIDDLE SCHOOL
PROGRAMS**

NEEDHAM PUBLIC SCHOOLS

SUPERINTENDENT

Daniel E. Gutekanst

NEEDHAM SCHOOL COMMITTEE

Connie Barr, Chair	Andrea Longo Carter
Susan B. Neckes	Kim Marie Nicols
Heidi Black	Aaron Pressman
Michael Greis	

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

Contact Information: School Administration Building, 1st Floor
1330 Highland Avenue
Needham, MA 02492
Telephone: 781-455-0400 x235
Fax: 781-455-0417
Website: www.needham.k12.ma.us (click on Community Ed)
Office Hours: 8am-4pm, Monday-Friday

NEEDHAM NON-DISCRIMINATION POLICY

It is the policy of Needham Public Schools not to discriminate on the basis of race, gender, religion, national origin, color, homelessness, sexual orientation, age or disability in its education programs, services, activities or employment practices.

Registration begins 7 am on March 13



REGISTER ONLINE

Registration Online at:

<https://www.schoolpay.com/link/SE2017>



IMPORTANT INFORMATION

- **REGISTER ONLINE*** with School Pay beginning at **7:00 am on MONDAY, MARCH 13**, using this link: <https://www.schoolpay.com/link/SE2017>. *Scholarship registrations cannot be taken online. Please contact NCE for assistance (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** represent the grade the child will be entering in the fall of 2017.
- **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 Amy Goldman, NCE Program Director, amy_goldman@needham.k12.ma.us if you would like guidance as to which programs may be the best fit for your child.
- Summer Explorations staff members have no access to IEPs. Please provide any relevant information when registering your child.
- 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.**
- **SCHOLARSHIP ASSISTANCE IS AVAILABLE** for students who receive free or reduced lunch. Please call NCE for details, 781-455-0400 x235.
- **SUPERVISED LUNCH:** Students enrolled in a morning AND afternoon class, OR a full-day class, may enjoy a supervised lunch in the Broadmeadow or High Rock cafeteria. Lunches must be brought from home. No transportation is provided between the Broadmeadow and High Rock Schools.
- **WAIT LISTS:** If you would like to add your child to a wait list for a full class, please email the NCE Program Director, Amy Goldman, at amy_goldman@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** is provided for Summer Explorations.
- **NON-RESIDENTS** are welcome to participate.

AFTER YOU REGISTER

- **No tuition will be refunded or credited after May 15.** Prior to May 15, you may cancel a registration for a \$30 processing fee. Refunds will be made by check from the Town of Needham, and may take up to 3 weeks.
- **If the minimum number of students required for a class is not met, the class will be cancelled.** Parents of all registrants in cancelled classes will be notified by (at the latest) 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 cancelled by NCE. Refunds will be made by check from the Town of Needham, and may take up to 3 weeks.
- **Questions?** Contact NCE, 781-455-0400 x235 or amy_goldman@needham.k12.ma.us.



Week at a Glance

Week 1: July 3-7, 2017 (Monday and Wednesday-Friday, no classes Tuesday, July 4)		
BROADMEADOW SCHOOL: 8:45-11:45 am		July 3-7
Cooking around the World	Grades 3-5	Allie Lanctot and Becca Gencarelli
Crazy Lego Contraptions	Grades 1-3	Vicky Neale
Dr. Seuss on the Loose	Grades 1-3	Tracy Gay and Patricia Gay
Duct Tape Creations	Grades 3-5	Jenn Priesing
Games Galore I	Grades 1-2	Paula Kelley and Kerry Eaton
Games Galore II	Grades 3-5	Theo Henderson-Brown
Getting Crafty and Creative	Grades 1-3	Megan McCorkle and Jasmine Sanders
Math Detectives	Grades 3-5	Kate Murray
Royalty in Training	Grades 1-3	Chelsea Bracken
Sensational Scientists	Grades 1-3	Amy McDavitt and Ellen Porter
BROADMEADOW SCHOOL: 12:15-3:15 pm		July 3-7
Basketball Fundamentals and Fun	Grades 1-3	Theodore Henderson-Brown
Bugs, Butterflies, and Blossoms	Grades 1-3	Tracy Gay and Patricia Gay
Cooking around the World	Grades 3-5	Allie Lanctot and Becca Gencarelli
Create a Fairy Village	Grades 3-5	Ellen Porter
Picture Book Party	Grades 1-3	Chelsea Bracken
Rainforest Explorers	Grades 1-3	Megan McCorkle and Jasmine Sanders
HIGH ROCK SCHOOL: 9 am-noon		July 3-7
Are You up for a Challenge?	Grades 3-5	Jane Orella and Betty Ann Harris
Baking for Beginners	Grades 3-5	Elaine McKenna and Christine Shelley
Clay Explorations (2-week class, ends 7/14)	Grades 6-9	Jennie Bates
El Bosque Tropical (Spanish Immersion)	Grades 3-5	Jamie Burgoyne
Glass Art	Grades 3-5	Michel L'Huillier
Let's Build: Harnessing the World's Energy	Grades 5-7	Liz Lee
Parkour	Grades 6-9	Parkour Generations Instructors
Scavenger Hunting and Geo-Caching	Grades 5-9	Karen McIntyre
Virtual Reality Video Making (full-day class)	Grades 5-9	Sam Bookston and Josh Yankell
Yoga	Grades 3-5	Kristin Boyd
HIGH ROCK SCHOOL: 12:30-3:30 pm		July 3-7
Challenges and Games	Grades 5-9	Paula Kelley and Kerry Eaton
Clay Explorations (2-week class, ends 7/14)	Grades 3-5	Jennie Bates
Creative Writing Fun	Grades 5-7	Laura Sechovicz
Cupcake Decorating	Grades 3-5	Karen McIntyre and Vicky Neale
Glass Art	Grades 5-9	Michel L'Huillier
Mindfulness, Meditation and Yoga	Grades 6-9	Christian Leger
Paper Quilling	Grades 4-6	Jane Orella and Betty Ann Harris
Parkour	Grades 3-5	Parkour Generations Instructors
Virtual Reality Video Making (full-day class)	Grades 5-9	Sam Bookston and Josh Yankell
WOW Science	Grades 3-5	Elaine McKenna and Christine Shelley

Week 2: July 10-14, 2017 (Monday-Friday)

BROADMEADOW SCHOOL: 8:45-11:45 am

July 10-14

American Girl: Past and Present	Grades 1-3	Rosie Calland and Tess Levy
Art Explorations	Grades 2-5	Damon Burnard
Baseball Games and Skills	Grades 2-5	Steve Blomberg
Bugs, Butterflies, and Blossoms	Grades 1-3	Tracy Gay and Patricia Gay
Connect, Electrify and Build	Grades 1-3	Elizabeth Lee
Crazy Lego Contraptions	Grades 1-3	Vicky Neale
Games Galore I	Grades 1-2	Paula Kelley and Kathleen Kelley
Games Galore II	Grades 3-5	Theo Henderson-Brown and Moore Dodge
Mini Bakers	Grades 1-3	Kayla Bedigan and Liz Storer
Picture Book Party	Grades 1-3	Chelsea Bracken and Evan Cohen
Sensational Scientists	Grades 1-3	Amy McDavitt and Ellen Porter
Sew by Hand	Grades 3-5	Megan McCorkle and Jasmine Sanders
Wow Science	Grades 3-5	Elaine McKenna and Christine Shelley

BROADMEADOW SCHOOL: 12:15-3:15 pm

July 10-14

All about Pets	Grades 1-3	Tracy Gay and Patricia Gay
American Girl: Past and Present	Grades 1-3	Rosie Calland and Tess Levy
Art Explorations	Grades 1-3	Damon Burnard
Baking for Beginners	Grades 3-5	Elaine McKenna and Christine Shelley
Basketball Fundamentals and Fun	Grades 3-5	Theodore Henderson-Brown
Royalty in Training	Grades 1-3	Chelsea Bracken and Evan Cohen

HIGH ROCK SCHOOL: 9 am–noon

July 10-14

Build a City Wired for Power	Grades 3-5	Casey Gill
Clay Explorations (2-week class, begins 7/3)	Grades 6-9	Jennie Bates
Cool Jewelry	Grades 3-5	Haley Smith and Sarah Donovan
Cross Training	Grades 6-9	Joanna Murphy
Glass Art	Grades 5-9	Michel L'Huillier
Harry Potter's World	Grades 3-6	Tracy Ahrens
iMovie Making (full-day class)	Grades 5-9	Karen McIntyre and Josh Yankell
Kids Can Cook	Grades 4-6	Cathy Herndon and Jennifer Murray
Magical Art	Grades 3-6	Jonathan DiNapoli
Street Hockey	Grades 5-9	Mark Yetman
Summer Explorations Musical Theater (3-week program, ends with full-day classes week of July 24)	Grades 3-7	Teresa Blume and Kristen Mazzocchi
Yoga	Grades 6-9	Kristin Boyd

HIGH ROCK SCHOOL: 12:30-3:30 pm

July 10-14

Amazing Race	Grades 3-5	Ellen Porter and Allie Lanctot
Challenges and Games	Grades 5-9	Paula Kelley and Kathleen Kelley
Clay Explorations (2-week class, begins 7/3)	Grades 3-5	Jennie Bates
DIY Toys	Grades 3-5	Sherrin O'Neil and Kelly Robinson
Get a Jump on Summer Reading: "Al Capone Does My Shirts"	Grades 6-8	Joanna Caliman
Glass Art	Grades 3-5	Michel L'Huillier
iMovie Making (full-day class)	Grades 5-9	Karen McIntyre and Josh Yankell
Kids Can Cook	Grades 4-6	Jennifer Murray and Jenn Potter
Start Your Own Business	Grades 6-9	Peter Caccavale
Speech and Debate	Grades 6-9	Paul Wexler

Week 3: July 17-21, 2017 (Monday-Friday)

BROADMEADOW SCHOOL: 8:45-11:45 am			July 17-21
All about Pets	Grades 1-3	Tracy Gay	
American Girl: Past and Present	Grades 1-3	Rosie Calland and Tess Levy	
Art Explorations	Grades 2-5	Damon Burnard	
Connect, Electrify and Code	Grades 3-5	Liz Lee	
Fairies and Sprites: Fantasy World Fun	Grades 1-3	Ellen Porter	
Games Galore I	Grades 1-2	Paula Kelley and Renee Campana	
Games Galore II	Grades 3-5	Theo Henderson-Brown and Moore Dodge	
Lego Mania	Grades 1-3	Vicky Neale	
Make Your Own Dream House	Grades 3-5	Caitlin MacDonald and Vanessa Iorlano	
Mini Bakers	Grades 1-3	Kayla Bedigan and Liz Storer	
Nature Fun	Grades 1-3	Allie Lanctot and Becca Gencarelli	
Star Wars Crafts	Grades 1-3	Andrea Ryan	
BROADMEADOW SCHOOL: 12:15-3:15 pm			July 17-21
Art Explorations	Grades 1-3	Damon Burnard	
Basketball Fundamentals and Fun	Grades 3-5	Theodore Henderson-Brown	
Cooking around the World	Grades 3-5	Allie Lanctot and Becca Gencarelli	
Disney Week: Fun with Our Favorites	Grades 1-3	Tracy Gay	
Star Wars Crafts	Grades 1-3	Andrea Ryan	
Unsports and Games	Grades 1-3	Nancy Goldstein	
HIGH ROCK SCHOOL: 9 am-noon			July 17-21
Baseball Games and Skills	Grades 3-5	Steve Blomberg	
Be in a Play (2-week class, ends July 28)	Grades 6-9	Cindy Bell	
Build a City Wired for Power	Grades 3-5	Casey Gill	
Cross Training	Grades 6-9	Joanna Murphy	
Glass Art	Grades 5-9	Michel L'Huillier	
Harry Potter's World	Grades 3-6	Tracy Ahrens	
iMovie Making (full-day class)	Grades 5-9	Karen McIntyre and Josh Yankell	
Kids Can Cook: Gluten Free Cooking	Grades 4-6	Cathy Herndon and Jennifer Murray	
Nature Journaling	Grades 6-8	Marianne McGowan	
Start Your Own Business	Grades 6-9	Peter Caccavale	
Summer Explorations Musical Theater (3-week program, begins 7/10 and ends with full-day classes week of July 24)	Grades 3-7	Teresa Blume and Kristen Mazzocchi	
Travel the World	Grades 3-5	Elaine McKenna and Christine Shelley	
HIGH ROCK SCHOOL: 12:30-3:30 pm			July 17-21
Acting Workshop	Grades 4-6	Cindy Bell	
Astronaut Training	Grades 4-6	Angie DiNapoli	
Baking: Beyond the Basics	Grades 6-9	Elaine McKenna and Christine Shelley	
Challenges and Games	Grades 5-9	Paula Kelley and Renee Campana	
DIY Toys	Grades 3-5	Sherrin O'Neil	
Girls in Engineering: Shake It Up!	Grades 5-7	Liz Lee	
Glass Art	Grades 3-5	Michel L'Huillier	
iMovie Making (full-day class)	Grades 5-9	Karen McIntyre and Josh Yankell	
Mindfulness and Sports Psychology	Grades 6-9	Christian Leger	
Minute to Win It	Grades 3-6	Jane Orella and Tom Carlisle	
Printmaking	Grades 5-9	Anne Nydam	

Week 4: July 24-28, 2017 (Monday-Friday)

BROADMEADOW SCHOOL: 8:45-11:45 am

July 24-28

Baking for Beginners	Grades 3-5	Elaine McKenna and Christine Shelley
Cool Jewelry	Grades 1-3	Haley Smith and Sarah Donovan
Cowboy and Cowgirl Fun	Grades 1-3	Kayla Bedigan and Liz Storer
Disney Week: Fun with Our Favorites	Grades 1-3	Tracy Gay
DIY Toys	Grades 1-3	Sherrin O'Neil
El Bosque Tropical (Spanish immersion)	Grades 1-3	Jamie Burgoyne
Environmental Awareness	Grades 2-5	Joanna Caliman
Games Galore I	Grades 1-2	Paula Kelley and Julie Vona
Games Galore II	Grades 3-5	Theo Henderson-Brown and Moore Dodge
Knitting for Beginners	Grades 3-5	Casey Gill
Lego Mania	Grades 1-3	Vicky Neale
Let's Build: Water Engineering	Grades 1-3	Liz Lee
Make Your Own Dream House	Grades 3-5	Caitlin MacDonald and Kristie Griffin
Summer Explorations Musical Theater (3-week program, ends with full-day classes week of July 24)	Grades 3-7	Teresa Blume and Kristen Mazzocchi

BROADMEADOW SCHOOL: 12:15-3:15 pm

July 24-28

Basketball Fundamentals and Fun	Grades 1-3	Theodore Henderson-Brown
Disney Week: Fun with the Classics	Grades 1-3	Tracy Gay
Let's Make Believe	Grades 1-3	Caitlin MacDonald
Magical Art	Grades 3-5	Jonathan DiNapoli
Math Creations and Challenges	Grades 3-5	Elaine McKenna and Christine Shelley
Mini Bakers	Grades 1-3	Kayla Bedigan and Liz Storer

NEWMAN SCHOOL: 9:00-3:30 pm (full-day programs)

July 24-28

Summer Explorations Musical Theater (3-week program, begins 7/10)	Grades 3-7	Teresa Blume and Kristen Mazzocchi
Theater Production and Set Design	Grades 5-9	Sally Tomasetti and Brian Anderson

HIGH ROCK SCHOOL: 9 am-noon

July 24-28

Amazing Race	Grades 3-5	Ellen Porter and Allie Lanctot
Be in a Play (2-week class, begins July 17)	Grades 6-9	Cindy Bell
Cooking with a Rainbow	Grades 6-9	Jen Tuttleman and Tonya Grace
Cross Training	Grades 6-9	Joanna Murphy
Dance Explorations: Jazz and Hip Hop	Grades 6-9	Karinne Hansen
Design Your Own Board Game	Grades 3-6	Tracy Ahrens
Fabric and Fiber Fun	Grades 5-9	Nicole Donson
Inside Look at the Medical Profession	Grades 6-9	Beth Israel Deaconess Hospital-Needham Staff
Metal Crafting	Grades 3-5	Jennie Bates
Paper Quilling	Grades 4-6	Jane Orella and Betty Ann Harris
Scavenger Hunting and Geo-Caching	Grades 5-9	Karen McIntyre
Team Sports	Grades 5-8	Michael Ciccolella
Virtual Reality Video Making (full-day class)	Grades 5-9	Sam Bookston and Josh Yankell

HIGH ROCK SCHOOL: 12:30-3:30 pm

July 24-28

Are you up for a Challenge	Grades 3-5	Jane Orella and Betty Ann Harris
BeDazzle It	Grades 3-6	Karen McIntyre
Challenges and Games	Grades 5-9	Paula Kelley and Julie Vona
Cooking with a Rainbow	Grades 6-9	Jen Tuttleman and Tonya Grace
Create a Fairy Village	Grades 3-5	Ellen Porter
Dance Explorations: Jazz and Hip Hop	Grades 3-5	Karinne Hansen
Fabric and Fiber Fun	Grades 3-5	Nicole Donson
Metal Crafting	Grades 6-9	Jennie Bates
Operation Broadway	Grades 5-8	Michael Ciccolella
Virtual Reality Video Making (full-day class)	Grades 5-9	Sam Bookston and Josh Yankell

CLASS DETAILS *(in alphabetical order)*

GRADE RANGES represent the grade the child will be entering in the fall of 2017.

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 Amy Goldman, NCE Program Director, at amy_goldman@needham.k12.ma.us, if you would like guidance as to which programs may be the best fit for your child.

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.

High Rock School: 12:30-3:30 pm

July 17-21 50077.3 \$175

Limited to 10 students

ALL ABOUT PETS

NEW!

Grades 1-3

Instructors: Tracy Gay, OT Assistant at Hillside and Newman; and Patricia Gay, 3rd Grade Teacher, Easton Public Schools

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, and pet care techniques with your fellow pet lovers. Help us 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!

Broadmeadow School: 12:15-3:15 pm

July 10-14 50481.2 \$190

Broadmeadow School: 8:45 -11:45 am

July 17-21 50481.3 \$190

Limited to 15 students

**Registration begins 7 am
on March 13**



REGISTER ONLINE

Registration Online at:

<https://www.schoolpay.com/link/SE2017>

AMAZING RACE

LOADS OF FUN!

Grades 3-5

Instructors: Allie Lanctot, Hillside ELC Teacher, and Ellen Porter, Eliot TA

Join us for a week of fun challenge activities. We will work in teams to follow clues and perform certain tasks, earning points to advance to the next challenge. Collaborate with teammates to create your own scavenger hunt that other teams will have to complete.

High Rock School: 12:30-3:30 pm

July 10-14 50375.2 \$185

High Rock School: 9 am-12:00 noon

July 24-28 50375.4 \$185

Limited to 16 students

AMERICAN GIRLS: Past and Present

Grades 1-3

Instructors: Rosie Calland, NHS Social Studies Teacher; and Theresa Levy, 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. This summer, we will feature even more of your favorite American Girl Dolls and the time period they were a part of. Bring your American Girl or Just Like Me Doll to class each day to join the fun!

Broadmeadow School: 8:45-11:45 am

July 10-14 50051.21 \$190

July 17-21 50051.3 \$190

Broadmeadow School: 12:15-3:15 pm

July 10-14 50051.22 \$190

Limited to 15 students

ARE YOU UP FOR A CHALLENGE?

Grades 3-5

Instructors: Jane Orella and Elizabeth Harris, NEDP Teachers

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 will include: designing and building a bridge, making a pair of shoes, constructing a boat that floats, and building a catapult and a marble run.

High Rock School: 9 am-12 noon

July 3-7	50448.1	\$155
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High Rock School: 12:30-3:30 pm

July 24-28	50448.4	\$190
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Limited to 12 students

ART EXPLORATIONS

AM: Grades 2-5

PM: Grades 1-3

Instructor: Damon Burnard, Broadmeadow Art Instructor

For all young artists, this class will be a wonderful chance to be creative as we have fun with a different art activity each day. Using various media, we will explore several different forms of art that we can create—from paintings, sculpture and construction to printmaking and fabric arts. We will also learn about some famous artists and their artwork and talk about what it means to be an artist. Free “studio time” will also be included so students can work with their choice of materials. Bring your imagination, your love of art and join the fun!

Please note: This summer's projects will be the same projects as in prior years.

Broadmeadow School: 8:45-11:45 am

Grades 2-5

July 10-14	50003.21	\$185
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July 17-21	50003.31	\$185
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Broadmeadow School: 12:15-3:15 pm

Grades 1-3

July 10-14	50003.22	\$185
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July 17-21	50003.32	\$185
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Limited to 10 students

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.

High Rock School: 12:30-3:30 pm

July 17-21	50306.3	\$195
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Limited to 10 students

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.

High Rock School: 12:30-3:30 pm

July 17-21	50349.3	\$220
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Limited to 12 students

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.

High Rock School: 9 am-12 noon

July 3-7	50350.1	\$175
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Broadmeadow School: 12:15-3:15 pm

July 10-14	50350.2	\$220
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Broadmeadow School: 8:45-11:45 am

July 24-28	50350.4	\$220
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Limited to 12 students

BASEBALL GAMES AND SKILLS

Week of July 10-14: Grades 2-5

Week of July 17-21: Grades 3-5

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. Players should bring their gloves and a baseball hat every day.

Broadmeadow School: 8:45-11:45 am

Grades 2-5

July 10-14	50260.2	\$160
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High Rock School: 9 am-12 noon

Grades 3-5

July 17-21	50260.3	\$160
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Limited to 16 students

BASKETBALL FUNDAMENTALS

NEW!

Weeks of July 3-7 and July 24-28: Grades 1-3

Weeks of July 10-14 and July 17-21: Grades 3-5

Instructor: *Theodore Henderson-Brown, Pollard TA and Middle School Basketball Coach*

New and experienced players, come learn basketball fundamentals and improve the skills you already have--all while having a lot of fun! We will work on offensive and defensive skills and you will practice your skills in game play and exciting basketball contests. At the end of the week, the coach will provide a written evaluation of your basketball skills.

Broadmeadow School: 12:15-3:15 pm

Grades 1-3

July 3-7	50482.1	\$145
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July 24-28	50482.4	\$180
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Grades 3-5

July 10-14	50482.2	\$180
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July 17-21	50482.3	\$180
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Limited to 12 students

BeDAZZLE IT!

MAKE GLITTERY TREASURES!

Grades 3-6

Instructor: *Karen Vona McIntyre, NHS Library Technical Assistant*

Embellish clothing, accessories, note cards, photo frames, treasure boxes, and more, using bright, sparkling, and colorful jewels, gems, and rhinestones,

and the original BeDazzler! In class you will learn how to plan, design and create your projects. Each day you will go home with a beautiful creation of your own design to keep or give as a gift!

Note: Students should bring an item from home to BeDazzle, such as: a t-shirt, pair of shorts, tote bag, canvas sneakers etc.

High Rock School: 12:30-3:30 pm

July 24-28	50393.4	\$190
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Limited to 12 students

BE IN A PLAY (2-week class)

Grades 6-9

Instructor: *Cindy Bell, Former Pollard Theater Arts Teacher*

This class is for acting enthusiasts and those who wish to try their hand at the craft. Over the two-weeks, you will rehearse for a production of a 30-minute play. You will learn to memorize lines, explore character development, learn blocking, prepare sets and costumes, play theater games, and bond with your fellow thespians. Parents and friends will be invited to the performance on the final day.

High Rock School: 9 am-12 noon

July 17-28	50450.34	\$365
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Limited to 12 students

BUGS, BUTTERFLIES, AND BLOSSOMS

Grades 1-3

Instructors: *Tracy Gay, OT Assistant at Hillside and Newman; and Patricia Gay, 3rd Grade Teacher, Easton Public Schools*

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, make your own terrarium 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. Science and art combine to help you 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 out there!

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

Broadmeadow School: 12:15-3:15 pm

July 3-7	50416.1	\$155
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Broadmeadow School: 8:45-11:45 am

July 10-14	50416.2	\$190
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Limited to 15 students

BUILD A CITY WIRED FOR POWER

ENGINEERING PROGRAM!

Grades 3-5

Instructor: Casey Gill, Newman 5th Grade Teacher

Learn and apply civil engineering skills by designing and then wiring a model city for power. On the first day, class members will comprise a board charged with designing a brand new city on a certain amount of land. As a board, you will discuss what you want to include in your ideal city. Then, you will be introduced the idea of scale and draft buildings for the city using graph paper and rulers. Days 2-5 will be spent building the city and learning about electric circuits and circuit boards so that you can "flip the switch" at the end of the week and power up your city.

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

High Rock School: 9 am-12 noon

July 10-14	50394.2	\$180
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July 17-21	50394.3	\$180
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Limited to 12 students

CHALLENGES AND GAMES

Grades 5-9

Instructors: Paula Kelley, Pollard Wellness Instructor; with Kerry Eaton, former High Rock PE Teacher (week of 7/3); Kathleen Kelley, Milton High School History Teacher (week of 7/10); Renee Campana, Pollard Special Ed Teacher (week of 7/17); and Julie Vona, Pollard Special Ed Teacher (week of 7/24)

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! 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 an entire new group of kids.

High Rock School: 12:30-3:30 pm

July 3-7	50329.1	\$135
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July 10-14	50329.2	\$170
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July 17-21	50329.3	\$170
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July 24-28	50329.4	\$170
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Limited to 25 students

CLAY EXPLORATIONS (2-week class)

AM: Grades 6-9

PM: Grades 3-5

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.

High Rock School: 9 am-12 noonGrades 6-9

July 3-14	50451.12	\$340
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High Rock School: 12:30-3:30 pmGrades 3-5

July 3-14	50452.12	\$340
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Limited to 12 students

CONNECT, ELECTRIFY AND BUILD

NEW STEM PROGRAM!

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)!

Broadmeadow School: 8:45-11:45 am

July 10-14	50501.2	\$190
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Limited to 10 students

CONNECT, ELECTRIFY AND CODE

NEW STEM PROGRAM!

Grades 3-5

Instructor: Liz Lee, Engineering Educator

Spend a week exploring the intersection of circuitry, coding and hands-on problem solving. Most classes will begin with building: tin can robots, doodle bots, snap circuits and more. Next, we'll find ways to test the capacity of our creations using everyday materials. Maybe you'll build an obstacle course and program your robot to complete it! We'll compare and contrast our own designs and consider what future applications suggest themselves. Welcome to 21st Century learning!

Broadmeadow School: 8:45-11:45 am

July 17-21 50502.3 \$190

Limited to 10 students

COOKING AROUND THE WORLD

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.

Broadmeadow School: 8:45-11:45 am

July 3-7 50453.11 \$170

Broadmeadow School: 12:15-3:15 pm

July 3-7 50453.12 \$170

July 17-21 50453.3 \$210

Limited to 12 students

COOKING WITH A RAINBOW

Grades 6-9

Instructors: Jen Tuttleman, NPS Nutrition Outreach Coordinator; and Tonya Grace, NHS Nutrition Staff Member

Nutritious food can be delicious and fun! For the first three days of this program, you will learn about the nutritional value of a rainbow of fruits and vegetables and then turn the featured produce into a tasty and healthy appetizer, main course and a dessert. On the last two days, we will have our own version of "Chopped"

and "Iron Chef" in which two teams will compete, with assistance from the instructors, to make the best dishes using the contents of their Mystery Box.

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

High Rock School: 9 am-12 noon

July 24-28 50454.41 \$210

High Rock School: 12:30-3:30 pm

July 24-28 50454.42 \$210

Limited to 12 students

COOL JEWELRY

Week of 7/10-14: Grades 3-5

Week of 7/24-28: Grades 1-3

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.

High Rock School: 9 am-12 noon

Grades 3-5

July 10-14 50418.2 \$190

Broadmeadow School: 8:45-11:45 am

Grades 1-3

July 24-28 50418.4 \$190

Limited to 12 students

COWBOY AND COWGIRL FUN

YEE HAW!

Grades 1-3

Instructors: Kayla Bedigan and Liz Storer, Hillside TAs

If you are fascinated and intrigued by cowboys and cowgirls, come spend the week experiencing many cowboy/cowgirl themed activities. We will decorate our own cowboy hats, bandanas, and Mason jars, create our own line dances, play western themed games, design cowboy vests, do a cactus craft, and make snacks that cowboys and cowgirls might enjoy eating. Yee haw!!

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

Broadmeadow School: 8:45-11:45 am

July 24-28 50419.4 \$185

Limited to 12 students

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).

Broadmeadow School: 8:45-11:45 am

July 3-7	50231.1	\$140
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July 10-14	50231.2	\$175
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Limited to 10 students

CREATE A FAIRY VILLAGE

Grades 3-5

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 day to set up in your own special place.

Broadmeadow School: 12:15-3:15 pm

July 3-7	50455.1	\$150
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High Rock School: 12:30-3:30 pm

July 24-28	50455.4	\$185
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Limited to 10 students

CREATIVE WRITING FUN

NEW!

Grades 5-7

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!

High Rock School: 12:30-3:30 pm

July 3-7	50483.1	\$155
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Limited to 10 students

CROSS-TRAINING

ACHIEVE YOUR FITNESS GOALS!

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 week or all four, 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!

High Rock School: 9 am-12 noon

July 10-14	50362.2	\$170
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July 17-21	50362.3	\$170
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July 24-28	50362.4	\$170
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Limited to 14 students

CUPCAKE DECORATING

Grades 3-5

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

Learn to bake, design, and decorate cupcakes, cake pops and cupcake poppers. You will learn to follow simple cake recipes to create different kinds of cake treats. Then, you will try your hand at simple decorating techniques using icing, royal frosting, candy melts, and candy to create fun cake treats. Your creations will be compiled into a recipe and picture book. Each day you will go home with cake treats to share with your family.

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

High Rock School: 12:30-3:30 pm

July 3-7	50380.1	\$155
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Limited to 15 students

DANCE EXPLORATIONS

JAZZ AND HIP-HOP

AM: Grades 6-9

PM: Grades 3-5

*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.

Students should bring a yoga mat to class each day.

High Rock School: 9 am-12 noon

Grades 6-9

July 24-28	50088.41	\$165
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High Rock School: 12:30-3:30 pm

Grades 3-5

July 24-28	50088.42	\$165
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Limited to 12 students

DESIGN YOUR OWN BOARD GAME

NEW!

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.

High Rock School: 9am-12 noon

July 24-28	50485.4	\$190
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Limited to 12 students

DISNEY WEEK: Fun with the Classics

Grades 1-3

Instructor: Tracy Gay, OT Assistant at Hillside and Newman

Enter the wonderful world of Disney as we explore a

sampling of Disney movie classics. Each day we will connect with the characters as we enjoy watching scenes from their movie followed by a variety of fun activities. Let your imagination fly as you walk the plank with Peter Pan. Paint your own African art like Rafiki from the Lion King. Make your own piggy bank like Hamm from Toy Story. Keep the jungle beat with your homemade rain sticks and drums for our Jungle Book day. Sprinkle in a little Mickey Magic as we wrap up a week of movement, games, arts and crafts and lots of fun.

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

Broadmeadow School: 12:15-3:15 pm

July 24-28	50424.4	\$190
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Limited to 15 students

DISNEY WEEK: Fun with Our Favorites

Grades 1-3

Instructor: Tracy Gay, OT Assistant at Hillside and Newman

The magic continues with more recent Disney favorites. Each day we will connect with the characters as we enjoy watching scenes from their movie followed by a variety of fun activities. Test your team skills in a Wreck it Ralph challenge then build your own candy car just like Vanellope. Explore the depths of the ocean with Nemo and his friends. Hula and surf on our Hawaiian themed Lilo & Stitch day. To help Wall-E go green we will make reusable save the Earth bags. Think cool on a hot summer day as we create a snow globe and summer snow with Olaf and friends from Frozen. Join us for a week of movement, games, arts and crafts and lots of fun.

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

Broadmeadow School: 12:15-3:15 pm

July 17-21	50425.3	\$190
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Broadmeadow School: 8:45-11:45 am

July 24-28	50425.4	\$190
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Limited to 15 students

DIY TOYS

NEW!

Weeks of July 10-14 and July 17-21: Grades 3-5

Week of July 24-28: Grades 1-3

Instructors: *Sherrin O'Neil, Pollard Health Teacher; and Kelly Robinson, Pollard Engineering and Design Teacher (week of 7/10 only)*

Come enjoy a week full of do it yourself toys! Each day you will create, play, and go home with a different toy. Some of the toys you can look forward to making include shoebox foosball, beanbag toss, memory games, dream catchers, puzzles, and much more!

High Rock School: 12:30-3:30 pm

Grades 3-5

July 10-14	50486.2	\$190
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July 17-21	50486.3	\$190
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Limited to 15 students

Broadmeadow School: 8:45-11:45 am

Grades 1-3

July 24-28	50486.4	\$190
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Limited to 10 students

DR. SEUSS ON THE LOOSE!

Grades 1-3

Instructors: *Tracy Gay, OT Assistant at Hillside and Broadmeadow; and Patricia Gay, 3rd Grade Teacher, Easton Public Schools*

What better way to spend a summer day than with Cat In The Hat and other lovable characters from Dr. Seuss? Days will be filled with lots of fun rhyming games. During the week you can win a medal for using your inventive skills to keep Horton's egg safe and show your Lorax pride by making a go green t-shirt. We will help you make your own board game inspired by Oh, The Places You'll Go! You can create your own poems, tongue twisters and draw your own Seuss-like characters. Sculpt Thing 1 or Thing 2 and discover Bartholomew's Oobleck-y goo. If you love Dr. Seuss, this class is for you.

Allergy Alert: Children will be eating and working with food products during this course. Please alert us to any food allergies on your registration form.

Broadmeadow School: 8:45-11:45 am

July 3-7	50426.1	\$155
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Limited to 15 students

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!

Broadmeadow School: 8:45-11:45 am

July 3-7	50313.1	\$155
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Limited to 10 students

EL BOSQUE TROPICAL

SPANISH IMMERSION PROGRAM!

Week of 7/3-7: Grades 3-5

Week of 7/24-28: Grades 1-3

Instructor: *Jamie Burgoyne, Broadmeadow Spanish Teacher*

El Bosque Tropical is a Spanish immersion course designed around the theme of the tropical rainforest. Students will learn, and utilize key vocabulary in Spanish, while experiencing hands-on learning related to: animals, plants and the environment, fruits, colors, size, and appearance. The afternoon will begin with a greeting, song, and re-cap of the previous day's vocabulary through sharing class-made guide books that report key vocabulary and concepts related to the "bosque tropical." New vocabulary will be introduced and practiced through a variety of activities and games. Students will be led on a daily scavenger hunt, where they will add their key findings to their guidebooks. After the scavenger hunt, students will be engaged in craft activities that help to recreate scenery of the rainforest, such as making, animals, flowers and fauna. Some days the craft activity will help recreate the tastes of the rainforest, by peeling, cutting, tasting and observing different fruits that can found in the rainforest. On another occasion, students will recreate the sounds of the rainforest by making a rain stick. Animal masks, hanging butterflies, jumping frogs and painted flowers will also be included. All materials and instruction will be given in Spanish. In addition to various crafts, students will travel inside and out, to play games that practice their new vocabulary such as, "serpientes de la selva," (snakes of the rainforest,) "cañas misteriosas" (mystery reeds,) "ranas saltadas," (jumpy frogs.) Class will end with a children's book about the rainforest in Spanish.

High Rock School: 9 am-12 noon

Grades 3-5

July 3-7	50456.1	\$155
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Broadmeadow School: 8:45-11:45 am

Grades 1-3

July 24-28	50456.4	\$195
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Limited to 15 students

ENVIRONMENTAL AWARENESS

NEW!

Grades 2-5

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. Activities will include making bird feeders and bird houses, going on a nature walk and drawing/journaling what we see, researching plants/animals in the area and making a guidebook, decorating flower pots and planting seeds, cleaning up an area of Needham, and creating ways to spread the word about recycling.

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

Broadmeadow School: 8:45-11:45 am

July 24-28 50487.4 \$185

Limited to 12 students

FABRIC AND FIBER FUN

NEW ART CLASS!

AM: Grades 5-9

PM: Grades 3-5

Instructor: Nicole Donson, Fabric Artist

Create a wide range of projects in this mixed-media fiber art fiesta. Make weavings with yarn, ribbons, and strips of fabric; create Huichol yarn collages by gluing yarn down to cardboard; and make collages from wool and fabric. Learn simple hand-sewing techniques to make stuffed felt animals, pillows, and bags from store-bought felt, and learn to needlepoint with yarn. Create your own felt from wool roving, watching the fibers bond together like magic when heat, moisture, and pressure are applied. Then use your felt for wool bead jewelry and flower accessories for yourself, or to decorate your collages and other creations. You'll finish the week with new skills and several finished projects to take home.

High Rock School: 9 am-12 noon

Grades 5-9

July 24-28 50488.41 \$195

High Rock School: 12:30-3:30 pm

Grades 3-5

July 24-28 50488.42 \$195

Limited to 12 students

FAIRIES AND SPRITES: Fantasy World Fun

NEW!

Grades 1-3

Instructor: Ellen Porter, Eliot TA

Enter the magical world of fairies and sprites for a week of fantasy fun! We will make magic wands so we can cast good spells. Fairies and sprites love to frolic, so we will play all sorts of fantasy themed games. To relax after our active play, we will enjoy hearing stories from fantasy books. There will be a number of craft and pretend activities as well. So, strap on your fairy wings, sprinkle some fairy dust, and join us for a memorable week in the world of fairies and sprites!

Broadmeadow School: 8:45-11:45 am

July 17-21 50489.3 \$185

Limited to 10 students

GAMES GALORE I

Grades 1-2

Instructors: Paula Kelley, Pollard Wellness Instructor; with Kerry Eaton, former High Rock PE Teacher (week of 7/3); Kathleen Kelley, Milton High School History Teacher (week of 7/10); Renee Campana, Pollard Special Ed Teacher (week of 7/17); and Julie Vona, Pollard Special Ed Teacher (week of 7/24)

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

Broadmeadow School: 8:45-11:45 am

July 3-7 50024.1 \$135

July 10-14 50024.2 \$170

July 17-21 50024.3 \$170

July 24-28 50024.4 \$170

Limited to 20 students

GAMES GALORE II

Grades 3-5

Instructors: Theodore Henderson-Brown, Pollard TA; and Moore Dodge, NHS Social Studies Teacher

Come join the fun! We will enjoy playing active and challenging games geared toward students in grades 3-5. Team and individual activities will be presented throughout the week, providing lots of excitement. You will learn new skills, and develop existing ones.

Broadmeadow School: 8:45-11:45 am

July 3-7	50255.1	\$135
July 10-14	50255.2	\$170
July 17-21	50255.3	\$170
July 24-28	50255.4	\$170

*Limited to 20 students***GET A JUMP on SUMMER****READING: Al Capone Does My Shirts****NEW!**

Grades 6-8

Instructor: Joanna Caliman, High Rock ELA Teacher

Now you will have a good reason to get your summer reading done early! Come to the class having read *Al Capone Does My Shirts* by Gennifer Choldenko, which is an exciting book about a kid who lives on Alcatraz Island in the 1930s. We will have a chance to discuss the book and what life was like on Alcatraz in the 1930s. Better yet, we will do a variety of enrichment activities to help the book come alive, such as creating projects about a choice of topics covered in the book, writing and performing skits, playing baseball, watching videos and/or taking virtual tours of the prison, and making wanted posters of criminals of the time period.

Students should read Al Capone Does My Shirts before the first class and bring a copy of the book with them.

High Rock School: 12:30-3:30 pm

July 10-14	50490.2	\$180
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*Limited to 12 students***GETTING CRAFTY AND CREATIVE**

Grades 1-3

Instructors: Megan Wendling McCorkle, Newman 1st Grade Teacher; and Jasmine Sanders, Newman ELC Aide

Join us for a week of creative, water themed crafts! You will make one big project each day and, if time permits, a small one as well. Use your hands and mind to create beautiful pieces of art! Projects will include a mixed media shark collage, a jellyfish streamer, a fish puppet, egg carton sea turtle, and more! Some projects will be paired with a read aloud.

Broadmeadow School: 8:45-11:45 am

July 3-7	50458.1	\$155
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*Limited to 15 students***GIRLS IN ENGINEERING: Shake It Up with Let's Build!****NEW!**

Grades 5-7

Instructor: Liz Lee, Let's Build Engineering Educator

Engineering makes the world a better place. Join Let's Build for 5 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!

High Rock School: 12:30-3:30 pm

July 17-21	50503.3	\$185
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*Limited to 10 students***GLASS ART (Grades 3-5)**

Grades 3-5

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.

High Rock School: 9 am-12 noon

July 3-7	50479.1	\$190
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High Rock School: 12:30-3:30 pm

July 10-14	50479.2	\$235
July 17-21	50479.3	\$235

*Limited to 15 students***GLASS ART (Grades 5-9)**

Grades 5-9

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.

High Rock School: 12:30-3:30 pm

July 3-7	50459.1	\$190
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High Rock School: 9 am-12 noon

July 10-14	50459.2	\$235
July 17-21	50459.3	\$235

Limited to 15 students

HARRY POTTER'S WORLD

A SUMMER EXPLORATIONS FAVORITE!

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.

High Rock School: 9 am-12 noon

July 10-14	50399.2	\$190
July 17-21	50399.3	\$190

Limited to 10 students

iMOVIE MAKING (Full-day class)

BE CREATOR, ACTOR, DIRECTOR, CAMERMAN AND EDITOR IN YOUR OWN MOVIE!

Grades 5-9

Instructors: Samantha Bookston, NHS Instructional Technology Specialist; and Josh Yankell, NHS Media Specialist

LIGHTS, CAMERA, ACTION! Come join us for full days 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!

Students must bring a smartphone or tablet, along with the USB charger.

High Rock School: 9 am-3:30 pm

July 10-14	50361.2	\$360
July 17-21	50361.3	\$360

Limited to 14 students

INSIDE LOOK AT THE MEDICAL PROFESSION

TAUGHT BY BETH ISRAEL STAFF MEMBERS!

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.

High Rock School: 9 am-12 noon

July 24-28	50461.4	\$140
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Limited to 10 students

KIDS CAN COOK!

Grades 4-6

Instructors: Jennifer Murray, Newman Librarian; with Cathy Herndon, Newman 1st Grade Teacher (AM section); and Jenn Potter, Broadmeadow Media Center Specialist (PM section)

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.

High Rock School: 9 am-12 noon

July 10-14	50363.21	\$210
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High Rock School: 12:30-3:30 pm

July 10-14	50363.22	\$210
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Limited to 15 students

KIDS CAN COOK: Gluten Free Cooking NEW!

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 3-5 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.

High Rock School: 9 am-12 noon

July 17-21 50491.3 \$210

Limited to 15 students

KNITTING FOR BEGINNERS

Grades 3-5

Instructor: Casey Gill, Newman 5th Grade Teacher

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.

Broadmeadow School: 8:45-11:45 am

July 24-28 50214.4 \$190

Limited to 10 students

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.

Broadmeadow School: 8:45-11:45 am

July 17-21 50248.3 \$175

July 24-28 50248.4 \$175

Limited to 10 students

LET'S BUILD: Harnessing the World's Energy

NEW STEM PROGRAM!

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!

High Rock School: 9 am-12 noon

July 3-7 50504.1 \$150

Limited to 10 students

LET'S BUILD: Water Engineering

NEW STEM PROGRAM!

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!

Broadmeadow School: 8:45-11:45 am

July 24-28 50505.4 \$195

Limited to 10 students

LET'S MAKE BELIEVE

Grades 1-3

Instructor: Caitlin MacDonald, Newman 2nd Grade TA

Have you ever wanted to be the teacher instead of the student? Go on a tiger hunt? Run the cash register or buy groceries for your family? Hang out at the beach with no parents around? Imagine playing make-believe on a play-date, but with LOTS of friends at the same time! Together, we will go on imaginative journeys: we will play house, school, pretend to be veterinarians, go to the store, the beach, the bank, maybe the post office and even places from storybooks - all without leaving the building. We will even have a campfire with charades and 'ghost' stories, all while we pretend to roast marshmallows! Each day will have a different theme and we will create a new prop to use in our imaginative play!

Broadmeadow School: 12:15-3:15 pm

July 24-28 50430.4 \$180

Limited to 10 students

MAGICAL ART

Week of July 10-14: Grades 3-6

Week of July 24-28: Grades 3-5

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!

High Rock School: 9 am-12 noon

Grades 3-6

July 10-14	50431.2	\$190
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Broadmeadow School: 12:15-3:15 pm

Grades 3-5

July 24-28	50431.4	\$190
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Limited to 10 students

MAKE YOUR OWN DREAM HOUSE

Grades 3-5

Instructors: Caitlin MacDonald, Newman 2nd Grade TA; with Vanessa Iorlano, Newman 4th Grade Teacher (week of 7/17); and Kristie Griffin, Newman 2nd Grade Teacher (week of 7/24)

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!

Broadmeadow School: 8:45-11:45 am

July 17-21	50282.3	\$195
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July 24-28	50282.4	\$195
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Limited to 12 students

MATH CREATIONS AND CHALLENGES

MATH CAN BE A LOT OF FUN!

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.

Broadmeadow School: 12:15-3:15

July 24-28	50463.4	\$185
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Limited to 16 students

MATH DETECTIVES

NEW!

Grades 3-5

Instructor: Kate Murray, Math and Science Educator

Use your math skills and work with a team to solve a new mathematical mystery each day. Are Double Stuff Oreos really double stuffed? How many new outfits can you make from the items currently in your closet? What is the likelihood that an archer could hit a target 50 feet away? How can suspects be identified using the math of Leonardo Da Vinci?

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

Broadmeadow School: 8:45-11:45 am

July 3-7	50492.1	\$150
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Limited to 10 students

MAKE IT A FULL DAY!

Register your child for a morning AND afternoon class OR a full-day class, and they may enjoy a supervised lunch.

METAL CRAFTING

NEW!

AM: Grades 3-5

PM: Grades 6-9

Instructor: Jennie Bates, Art Teacher at Eliot and Hillside

In this exciting new art class, we will create two and three-dimensional projects using metal, foils, and other materials. Projects include metal embossing, illuminated letters, metal can creatures and robots (younger grades), and three-dimensional letters using cardboard, foil and other materials (older grades). Students will also create clay stamps to use for stamping into different types of metal.

High Rock School: 9 am-12 noon

Grades 3-5

July 24-28 50493.41 \$200

High Rock School: 12:30-3:30 pm

Grades 6-9

July 24-28 50493.42 \$200

Limited to 12 students

MINDFULNESS, MEDITATION AND YOGA

NEW!

Grades 6-9

Instructor: Christian Leger, NHS Varsity Tennis Coach

Explore the practice and exercise of mindfulness through various techniques and learn about the benefits of mindfulness. Activities will include various forms of meditation, taking notice of nature, mindful eating, yoga and breathing exercises, and much more!

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

Students should bring a yoga mat to class each day.

High Rock School: 12:30-3:30 pm

July 3-7 50494.1 \$145

Limited to 12 students

MINDFULNESS AND SPORTS PSYCHOLOGY

NEW!

Grades 6-9

Instructor: Christian Leger, NHS Varsity Tennis Coach

Improve your game through mindfulness techniques! We will compare and contrast the difference between resiliency and mental fatigue in athletics, with the goal of cultivating a growth mindset in your approach to

your sport. Techniques such as positive self-talk and perseverance training will be introduced. Then, we will explore strategies of mental focus, along with imagery and visualization practices.

Each of the strategies will be presented in tandem with the benefits of teambuilding and being a supportive member of a team.

Students should bring a yoga mat to class each day.

High Rock School: 12:30-3:30 pm

July 17-21 50495.3 \$180

Limited to 12 students

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.

Broadmeadow School: 8:45-11:45 am

July 10-14 50464.2 \$220

July 17-21 50464.3 \$220

Broadmeadow School: 12:15-3:15 pm

July 24-28 50464.4 \$220

Limited to 12 students

MINUTE TO WIN IT

NEW!

Grades 3-6

Instructors: Jane Orella and Tom Carlisle, NEDP Teachers

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.

High Rock School: 12:30-3:30 pm

July 17-21 50496.3 \$185

Limited to 12 students

NATURE FUN

Grades 1-3

Instructors: : Allie Lanctot and Becca Gencarelli, Hillside ELC TAs

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

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

Broadmeadow School: 8:45-11:45 am

July 17-21 50406.3 \$185

Limited to 15 students

NATURE JOURNALING

NEW!

Grades 6-8

Instructor: Marianne McGowan, Pollard TA

Develop a connection with nature, deepen your powers of observation, heighten your awareness of the natural world, develop your writing and drawing skills, be creative and have fun! We will achieve all this by exploring a theme each day, such as trees, insects, the night sky, flowers, environmental topics, or wildlife. We will start with some instruction/background on the topic and then spend most of the time outside, weather permitting. Then, we will enter our observations in our journals. You may draw, describe, write poems or letters, record feelings, explore ideas, paste in samples, etc. Sharing and discussion will be included.

High Rock School: 9 am-12 noon

July 17-21 50506.3 \$195

Limited to 10 students

OPERATION BROADWAY

Grades 5-8

Instructor: Michael Ciccolella, High Rock Social Studies Teacher

Do you love musical theater? Whether you are a seasoned veteran of the stage or just enjoy singing and dancing and watching those old Broadway classics, this popular Summer Explorations offering is the perfect class for you. High Rock Social Studies Teacher and Needham Musical Director Mike Ciccolella will lead you through improv games, reciting monologues, rehearsing and writing scenes, and learning the music and choreography from some Broadway favorites. We will gain inspiration by watching some classic scenes from

musicals of the past. You will also have opportunities to perform on your own or in small groups to gain comfort on stage and develop your acting skills.

High Rock School: 12:30-3:30 pm

July 24-28 50323.4 \$180

Limited to 14 students

PAPER QUILLING

UNIQUE CRAFT CLASS!

Grades 4-6

Instructors: Jane Orella and Elizabeth Harris, NEDP Teachers

Quilling is a very old art form that involves the use of strips of paper that are rolled, shaped and glued together to make designs. In this class, we will learn how to make beautiful quilled paper projects such as flowers, hearts, butterflies, baby animals...your imagination will be your only limit! We will create bookmarks, earrings, greeting cards, and even pictures to hang in your bedroom. Each day, you will go home with a finished project to be proud of.

High Rock School: 12:30-3:30 pm

July 3-7 50465.1 \$155

High Rock School: 9 am-12 noon

July 24-28 50465.4 \$190

Limited to 12 students

PARKOUR

NEW FITNESS CLASS!

AM: Grades 6-9

PM: Grades 3-5

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. This class will be held outside, rain or shine, so dress accordingly.

High Rock School: 9 am-12 noon

Grades 6-9

July 3-7 50507.11 \$175

High Rock School: 12:30-3:30 pm

Grades 3-5

July 3-7 50507.12 \$175

Limited to 15 students

PICTURE BOOK PARTY

Grades 1-3

Instructors: Chelsea Bracken, Eliot 4th Grade Teacher; and Evan Cohen, Hillside Kindergarten Teacher (week of 7/10 only)

Come spend the week getting lost in our favorite picture books! Each day will focus on a different picture book, such as everyone's favorite, If You Give a Mouse a Cookie. We will create fun crafts, participate in exciting games, and even do some baking to celebrate our favorite books. Students will leave with a love and appreciation for classic children's picture books they will want to read again and again.

Allergy Alert: Children will be eating and working with food products during this course. Please alert us to any food allergies on your registration form.

Broadmeadow School: 12:15-3:15 pm

July 3-7 50466.1 \$150

Limited to 10 students

Broadmeadow School: 8:45-11:45 am

July 10-14 50466.2 \$185

Limited to 15 students

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.

High Rock School: 12:30-3:30 pm

July 17-21 50369.3 \$190

Limited to 10 students

RAINFOREST EXPLORERS

NEW SCIENCE AND CRAFTS CLASS!

Grades 1-3

Instructors: Megan Wendling McCorkle, Newman 1st Grade Teacher; and Jasmine Sanders, Newman ELC Aide

In this class, we will study the rainforest habitat. Students will learn where rainforests exist in the world, the animals

that live in the rainforest and the vegetation that grows there. We will use technology and literature to learn about the rainforest and create crafts to share our new knowledge.

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

Broadmeadow School: 12:15-3:15 pm

July 3-7 50497.1 \$165

Limited to 10 students

ROYALTY IN TRAINING

NEW!

Grades 1-3

Instructors: Chelsea Bracken, Eliot 4th Grade Teacher; and Evan Cohen, Hillside Kindergarten Teacher (week of 7/10 only)

Calling all future queens, kings, princesses, and princes! Join us for a week of "Royalty in Training!" We will spend magical mornings together making royalty-worthy crafts and scrumptious treats, acting in make-believe activities, participating in fun etiquette lessons, and ending the week with a fancy celebration fit for royalty.

Allergy Alert: Children will be eating and working with food products during this course. Please alert us to any food allergies on your registration form.

Broadmeadow School: 8:45-11:45 am

July 3-7 50468.1 \$150

Limited to 10 students

Broadmeadow School: 12:15-3:15 pm

July 10-14 50468.2 \$185

Limited to 15 students

SCAVENGER HUNTING & GEO CACHING

Grades 5-9

Instructor: Karen Vona McIntyre, NHS Library Technical Assistant

Do you like exploring? Do you enjoy being outdoors? Then come join us for this fun class! We will learn and play different types of scavenger hunt games and set out on a new adventure each day. Our hunting will take us around Needham Center and the Town Forest. We will learn about Geocaching and Letterboxing, and how to use a GPS to play these games. Please wear comfortable shoes.

High Rock School: 9 am-12 noon

July 3-7 50444.1 \$145

July 24-28 50444.4 \$180

Limited to 16 students

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.

Broadmeadow School: 8:45-11:45 am

July 3-7	50327.1	\$150
July 10-14	50327.2	\$190

Limited to 12 students

SEW BY HAND

NEW!

Grades 3-5

Instructors: Megan Wendling McCorkle, Newman 1st Grade Teacher; and Jasmine Sanders, Newman ELC Aide

Let's face it, at some point 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.

Broadmeadow School: 8:45-11:45 am

July 10-14	50499.2	\$205
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Limited to 15 students

SPEECH AND DEBATE

Grades 6-9

Instructor: Paul Wexler, NHS Debate Team Coach and History Teacher

The arts of speech and debate provide valuable tools for arguing positions and public speaking. During the week, we will explore the critical thinking and analytical skills involved with creating debate arguments. We will also learn basic public speaking skills, putting them to use through a variety of fun activities.

High Rock School: 12:30-3:30 pm

July 10-14	50374.2	\$185
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Limited to 12 students

START YOUR OWN BUSINESS

Grades 6-9

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.

High Rock School: 12:30-3:30 pm

July 10-14	50338.2	\$175
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High Rock School: 9 am-12 noon

July 17-21	50338.3	\$175
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Limited to 12 students

STAR WARS CRAFTS

Grades 1-3

Instructor: Andrea Ryan, Newman Kindergarten Teacher

Is the Force strong with you? Awaken your inner Jedi with our Star Wars craft group! Make a Chewbacca puppet, store your light-saber in our homemade R2-D2 pencil cups, and design an original t-shirt with your favorite Star Wars character!

Broadmeadow School: 8:45-11:45 am

July 17-21	50471.31	\$195
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Broadmeadow School: 12:15-3:15 pm

July 17-21	50471.32	\$195
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Limited to 8 students

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.

Please bring your own hockey stick.

High Rock School: 9 am-12 noon

July 10-14	50298.2	\$160
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Limited to 12 students

SUMMER EXPLORATIONS MUSICAL THEATER (3-week class)

PERFORM IN A BROADWAY MUSICAL!

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!

High Rock School (7/10-21): 9 am-12 noon

Newman School (7/24-28): 9 am-3:30 pm

July 10-28 50412.2 \$685

Limited to 25 students

TEAM SPORTS

Grades 5-8

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!

High Rock School: 9 am-12 noon

July 24-28 50373.4 \$165

Limited to 18 students

THEATER PRODUCTION AND SET DESIGN (Full-day class)

NEW!

Grades 5-9

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.

Newman School: 9 am-3:30 pm

July 24-28 50484.4 \$340

Limited to 12 students

TRAVEL THE WORLD

NO PASSPORT REQUIRED!

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.

High Rock School: 9 am-12 noon

July 17-21 50473.3 \$190

Limited to 16 students

UNSPORTS AND GAMES

FUN NON-COMPETITIVE ACTIVITIES!

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.

Broadmeadow School: 12:15-3:15 pm

July 17-21 50256.3 \$175

Limited to 12 students

VIRTUAL REALITY VIDEO

MAKING (Full-day class)

NEW!

Grades 5-9

Instructors: *Samantha Bookston, NHS Instructional Technology Specialist; and Josh Yankell, NHS Media Specialist*

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.

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 and download applications. A more detailed application description will be sent after registration.

High Rock School: 9 am-3:30 pm

July 3-7	50050.1	\$330
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July 24-28	50050.4	\$390
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Limited to 12 students

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.

High Rock School: 12:30-3:30 pm

July 3-7	50378.1	\$150
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Broadmeadow School: 8:45-11:45 am

July 10-14	50378.2	\$185
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Limited to 14 students

YOGA

Week of 7/3: Grades 3-5

Week of 7/10: Grades 6-9

Instructor: *Kristin Boyd, Broadmeadow 5th Grade Teacher*

Yoga is a healthy way to relieve stress, improve concentration, increase confidence, and develop strength, flexibility, and coordination. In this fun and active class, students will practice traditional sun salutations, poses, partner work, games, relaxation, and meditation. We will go beyond the physical practice of yoga to explore topics such as inner strength, self-esteem, empathy, and compassion.

Students should bring a yoga mat to each class.

High Rock School: 9 am-12 noon

Grades 3-5

July 3-7	50442.1	\$130
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Grades 6-9

July 10-14	50442.2	\$160
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Limited to 12 students

OTHER NCE PROGRAMS



SKILLS & THRILLS PROGRAM

The Skills & Thrills program is a fee-based summer reading program geared for students entering grades 1, 2 and 3 currently getting reading support in school. The small group classes will meet Monday through Friday at Broadmeadow Elementary School, from 8:45-11:45am, July 3-28. Skills & Thrills classes are designed to address learning deficiencies, maintain school-year gains, provide a positive school experience, and engage students in fun learning activities while boosting reading skills. The Reading Specialists at each of the elementary schools distribute the Skills & Thrills brochures to eligible students after the February break. The registration deadline is May 5. For more information, please contact Mary Grace Summergrad, at 781-455-0400 x223 or email: mary_grace_summergrad@needham.k12.ma.us

SAT & ACT PREP CLASSES

Needham Community Education will again offer summer sessions of the SAT Prep course developed and taught by Needham High School teachers. Also being offered this summer is an ACT Prep course, also developed and taught by NHS teachers. The teachers are experienced with test prep and are known for their engaging, dynamic, and effective classes. For the summer test prep classes, 8 of the full 11 class sessions are scheduled, with the remaining 3 classes held in the fall, to provide preparation closer to the time of the actual exam. The two options for SAT Prep are a Tuesday/Thursday evening class in July (ending on August 1) and a Tuesday/Thursday evening class in August. The ACT Prep class will be Wednesday evenings in July and August. More detailed information on these classes will be available by March 31, posted to the district website www.needham.k12.ma.us under Community Ed and High School. For more information, please contact Mary Grace Summergrad, at 781-455-0400 x223 or email: mary_grace_summergrad@needham.k12.ma.us

COLLEGE TOURS

The College Tours class will be offered for the summer of 2017 on Tuesday, Wednesday and Thursday, June 27-29. Students visit a range of six colleges and universities over the three days, accompanied by Needham High School guidance staff. The tours and meetings with admissions officers at each school help students learn the differences between schools and what qualities appeal to them most. The hours will vary each day, depending on the travel time to the schools on the schedule; students should be available for the full day each day. More detailed information on the College Tours class will be available by March 31, posted to the district website www.needham.k12.ma.us under Community Ed and High School. For more information, please contact Mary Grace Summergrad, at 781-455-0400 x223 or email: mary_grace_summergrad@needham.k12.ma.us

COMMUNITY CONCERT BAND

Directed by Dr. David Neves, Director of Fine and Performing Arts, the Needham Community Concert Band rehearses two evenings a week in the summer and performs as part of the Arts in the Parks series at the Memorial Park gazebo. You can join other community musicians, from semi-professional to college and high school students, to play marches, classics, and popular favorites. The rehearsals will be on Tuesdays and Thursdays, 7 to 8:30pm, on June 22, 27, 29 & July 6, 11, 13, and 18 at Needham High School. The Concert will be Thursday, July 20 at 7pm.

Registration is through the Needham Community Education. A flyer with registration information will be posted online at www.needham.k12.ma.us under Community Education and Adult Ed by March 31. Community Band members who participated in the last couple of summers will receive an email blast with the flyer attached. For general registration information, please contact Mary Grace Summergrad, at 781-455-0400 x223 or email: mary_grace_summergrad@needham.k12.ma.us or for instrument questions, contact David Neves at 781-455-0800 x2440 or email: david_neves@needham.k12.ma.us

NCE/NHS ATHLETICS SPORTS CLINICS

ROCKETS BASEBALL CLINIC (for girls and boys)

Grades 3-9

Instructor: Matt Howard, NHS Varsity Baseball Coach and Guidance Counselor

This four-day clinic will help players of all ages and 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!

Players should bring gloves, cleats, sneakers, bats (we will provide bats as well), water, a nut-free snack and sunscreen.

Defazio Baseball Complex 9 am-12:30 pm

Monday, July 10-Thursday, July 13 50478.2 \$150
(Rain date on Friday)

Limited to 40 Students

ROCKETS FIELD HOCKEY CLINIC

Grades 5-9 (will be split into groups based on age and ability)

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

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.

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.

DeFazio Turf Field: 9 am-12:30 pm

Monday, July 10-Thursdays, July 13 50388.2 \$150

Limited to 40 students

ROCKETS VOLLEYBALL CLINIC

(for girls and boys)

HALF-DAY

AM: Grades 3-7

PM: Grades 8-12

Instructor: David Powell, NHS Boys Volleyball Coach

Flying Rockets Volleyball Camp will provide players with the fundamental skills of the sport. The Coach 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.

Needham High School: 9 am-12 noon

Grades 3-7

Thursday, June 22-Friday, June 23 50268.01 \$75

Needham High School: 1-4 pm

Grades 8-12

Thursday, June 22-Friday, June 23 50268.02 \$75

Limited to 60 students

ROCKETS VOLLEYBALL CLINIC

(for boys and girls)

Full-day

Grades 6-12

Instructor: David Powell, NHS Boys Volleyball Coach

Flying Rockets Volleyball Camp will provide players with the fundamental skills of the sport. The Coach 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.

Needham High School: 9 am-3 pm

Mon, June 26 - Th, June 29 50268.03 \$200

Limited to 60 students

GIRLS BASKETBALL CLINIC

Grades 4-8 (will be split into groups based on age and ability)

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.

Needham High School A Gym: 5-8 pm

Monday, July 31-Thursday, August 3 50415.0 \$150

Limited to 60 students

INTENSIVE SUMMER WRESTLING CLINIC

Grades 6-12

Instructors

Olympic Gold Medalist Kenny Monday: Three-time Olympian, winning Gold in 1988 and Silver in 1992. Undefeated in his High School career, he was a 4-time state champion. He went on to be an All-American at Oklahoma State University, winning the NCAA title in 1984. He is also a 4-time USA Freestyle champion and a member of the National Wrestling Hall-of-Fame. After serving as a long-time assistant coach at OSU, he now trains mixed martial arts professionals around the country.

NHS Head Coach Dr. Robert Pritchett: AAU Grand National Champion, 2-time Maccabiah freestyle National Champion World medalist, 2-time regional Olympic trial runner-up, former Head Coach at Red Lion, Tower Hill, Cheyney University, and current Needham High School Head Coach.

Learn what it takes to excel at the next level, with four days of intensive wrestling training, drills and skill development. Live wrestling sessions will be set up to challenge for each wrestler. This is a unique opportunity to learn techniques from an Olympic champion that will help your development on and off the mat.

Camp Schedule Monday - Thursday

8:30 to 11:30 Training, Instruction, Philosophy of Winning
12:30 to 1:30 Lunch
12:30 to 3:00 Drills, Technique, Live wrestling
3:00 to 3:30 Open mat time end of camp

Students must bring a Nut-free lunch, snack water and beverages (bottle water) headgear and wrestling shoes.

Needham High School A Gym: 8:30 am-3:30 pm

Monday, July 24-Thursday, July 27

Limited to 50 students

Registration information to be provided in late March

DROP-OFF AND PICK-UP INFORMATION

- **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.
- **IF YOUR CHILD WILL BE ABSENT,** please call the Community Education Office, 781-455-0400 x235, before 8:30 a.m.
- **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.
- All school policies outlined in the school Student Handbook apply to the NCE Summer Explorations program.

If you have any questions regarding registration, please feel free to contact:

Amy Goldman, Summer Explorations Program Director
Needham Community Education Office
781-455-0400 x 235

e-mail: Amy_Goldman@needham.k12.ma.us

**Registration begins 7 am
on March 13**



REGISTER ONLINE

Registration Online at:

<https://www.schoolpay.com/link/SE2017>