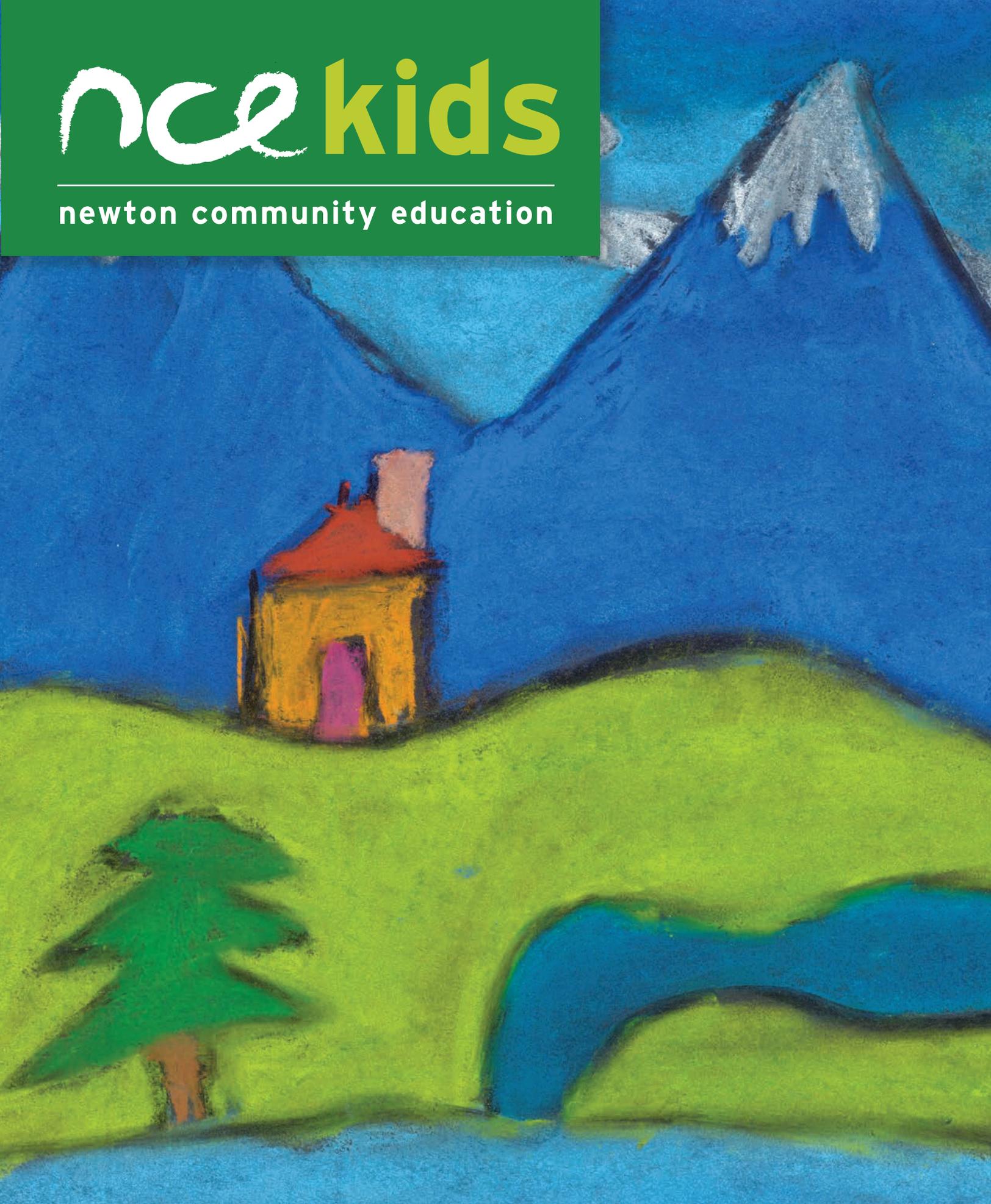


# ncc kids

newton community education



WINTER 2018

[newtoncommunityed.org](http://newtoncommunityed.org) • 617-559-6999

### On the cover:

Yang-Yang Dai was in 1st grade at Lincoln-Eliot when she painted this calming landscape. This piece was part



of a project in Jen Sutherland's art class called *Abstract Landscapes*. The students looked at the work of artists who simplify and abstract the landscape in some way, and then created their own landscape paintings using expressive outlines and chalk pastels, incorporating what they learned about foreground, midground, and background. Yang-Yang has since moved back to China, so is not here to see her work immortalized on our cover. We wish she were, because we love it very much.

## Things you need to know:

- Weekday classes for elementary schoolers start at 3:15pm every day but Tuesday; Tuesday classes start at 12:45pm. The time between the end of school and the start of class is for snacks from home, and for travel time for kids coming from other schools.
- All classes are one hour long except where otherwise noted.
- Elementary school classes meet at their regular times on early-release Wednesdays and Thursdays. See page 6 for special early-release day programs.
- Class times and lengths are listed for middle school classes.
- There are no classes on Newton Public Schools holidays or during school vacations; additional "no-class" dates are listed online.

### Still have questions?

See our complete policies on page 15, or call us! We're here to help.

## Family & Saturday Classes

### NEW

### American Girl Entrepreneurs

*Event-FULL staff, Instructors*

Enter a joint partnership with your American Girl doll or favorite stuffed animal, and become a small business owner. You'll design a bake shop display counter with pretend doll-sized treats made of clay for the doll or stuffed animal to "sell". You'll enjoy three fun-filled hours of doll-sized crafts, and you'll take home everything you make. Bring a snack. Grades K-4.

1 session \$65

**Saturday March 17** 9:30am-12:30pm  
KW39-W18 **Newton South**

### NEW

### Baking Outside the Box 2

*Marissa Smajlaj, Instructor*

Bake and decorate your Valentine's gift for that "special someone." Learn to make Valentine's Day cookie pops, edible cards, and chocolate and/or sugar-cookie boxes in the shape of your choice. Later, you can fill the cookie box with your own homemade truffles, marshmallows, or more cookies (our Pastry Chef instructor has abundant ideas for cookie box fillings and uses). Each pair will go home with their pops, a card, a decorated cookie box, and raw dough to practice your own creations at home. If time allows, we will make our own truffles too. Grades 2 & up with an adult.

*Bring three large containers to take home your finished products and your raw dough.*

1 session \$55/adult-child pair;  
\$35/additional student (adult or child)  
**Saturday February 10** 9:30am-12:30pm  
KW36-W18 **Newton South**



### Chess Tournament 2

*Nicholas Sterling, Tournament Director*

Back by popular demand, another chance for you to prove your chops at chess! Join us for some good-natured competition at NCE's second ever tournament. You'll play clock-timed games against multiple opponents; we'll do our best to match you to players at your grade and skill level. You'll get a sense of what tournament conditions are like and see how you do under pressure. Prizes will be awarded to winners, but win or lose, it's all about the pleasure of the game. Take advantage of this opportunity to enjoy chess in a new way. Experienced tournament players are welcome to join us as well. Grades 1-8.

*Bring your own chess set and pieces, and a clock if you have one. Bring snacks to eat between rounds as time allows.*

1 session \$40

**Saturday March 17** 9am-1pm  
KW40-W18 **Newton South**

### NEW

### Family-Pleasing Dinners

*Jennifer Tomaneng, Instructor*

Kids, roll up your sleeves and take over the family dinner! Learn to make meals that are nutritious, delicious, fun to make and eat, and sure to satisfy everyone in the family. We'll start by selecting an "anchor" ingredient that family members can customize for their taste. We'll create feasts like an all-season's harvest salad bar, an every-way potato buffet, and a gorgeous middle eastern platter. Bring a notebook and pen to jot down ideas and recommendations, as well as a hearty appetite since we'll be tasting as we create. Grades 2 & up with an adult.

1 session \$55/adult-child pair;  
\$35/additional student (adult or child)

**Saturday March 17** 9:30am-12:30pm  
KW37-W18 **Newton South**

## Glass Fusing

Michel L'Huillier, Instructor

Make art from glass by fusing. You'll learn basic glass fusing techniques and work with pre-cut colored glass pieces, and glass powders, frits and stringers to create your individual works. After a series of short demonstrations and a few fun exercises, adult-child pairs will work side by side to create small plates or bowls (one per student), fused necklaces, and name plates. The finished pieces will be available at the NCE office a week after this class. New and returning students are welcome to join us; returning students can make another plate or bowl, or a fused glass sun-catcher. Grades 1 & up with an adult.

*Due to the high cost of materials for this class, a \$75 materials fee per pair is payable to the instructor. Please bring a check to the class.*

1 session \$55/adult-child pair;  
\$35/additional student (adult or child)  
**Saturday February 10** 10am-12pm  
KW17-W18 **Newton South**

## Glass Mosaic

Michel L'Huillier, Instructor

Learn basic glass mosaic techniques and create a small trivet or decorative piece using assorted glass pieces of various shapes, colors, and textures. First, you'll create or choose a simple design to transfer onto a wood support. Then you'll bring this design to life by selecting pre-cut glass pieces from a great selection and gluing them (no glass cutting is necessary). Once the glue is dry, your instructor will grout your pieces, paint them, and apply finishing touches. Your mosaic pieces will be available at the NCE office a week after this class. Grades 2 & up with an adult.

*Due to the high cost of materials for this class, a \$75 materials fee per pair is payable to the instructor. Please bring a check to the class.*

1 session \$55/adult-child pair;  
\$35/additional student (adult or child)  
**Saturday March 17** 10am-12pm  
KW19-W18 **Newton South**

## Multi Sports & Soccer

See pages 13 & 14 for details.

### Soccer Tykes\*

Thundercat Sports staff, Instructors

Why should big kids have all the fun? Toddlers, accompanied by an adult, can learn the basics of soccer in this fun, non-competitive setting. Players will increase their sense of balance, improve their coordination and physical movement, and have a leg up when they join the big leagues! Shin guards and soccer balls are optional, but please bring a water bottle. Ages 2-3 with an adult (one child per adult please).

6 sessions \$155  
**Saturdays January 20-March 10** 11am-12pm  
KW01-W18 **Burr**  
6 sessions \$155  
**Saturdays April 21-June 2**  
KW01-P18-1 **Mason Rice Field** (9-10am)  
KW01-P18-2 **Mason Rice Field** (11am-12pm)

### NEW

## Star Wars Jedi Training

Event-FULL staff, Instructors

Calling all Padawans! Become a JEDI in an action-packed morning full of Star Wars-themed activities. You'll make your own recycled Droid, take part in a Lightsaber training session, and acquire the skills to become a JEDI Knight. You'll go home with your droid creation and a framed picture of yourself with R2D2. May the force be with you! Bring a snack. Grades K-4.

1 session \$65  
**Saturday February 10** 9:30am-12:30pm  
KW38-W18 **Newton South**

\* See page 14 for weather cancellation information.

## Tot Jam\*

Thundercat Sports staff, Instructors

Toddlers, bring an adult partner and learn the basics of Soccer, Basketball, and Softie Hockey in this fun, noncompetitive class. At each session we'll introduce new skills and sports concepts, and play games to reinforce those skills. Players will increase their sense of balance, improve their coordination and physical movement, and get a great preview of the wide world of sports! Wear comfortable clothes and sneakers and bring a water bottle. Ages 2-3 with an adult (one child per adult please).

6 sessions \$155  
**Saturdays January 20-March 10** 9-10am  
KW12-W18 **Burr**

### NEW

## Upcycled Outfits

Danielle Larosee, Instructor

Got lots of old clothes in your closet that you just can't part with? It's time to rescue your unwanted garments and give them new life—by cutting them up and machine sewing them together into fabulous, unique outfits or accessories for yourself or your home. In this adult-child class, you'll work independently and in pairs to dream up and construct your new creations, all with expert teacher guidance. At least one in your pair must have sewing experience. Grades 2 & up with an adult.

*Bring those unwanted clothes, and/or fabric from old bedding and curtains too. Also bring a snack.*

2 sessions \$95/adult-child pair;  
\$55/additional student (adult or child)  
**February 10 & March 17** 9am-12pm  
KW34-W18 **Newton South**



## Classes for Elementary Schoolers

### 3-D Printing & Design

*Einstein's Workshop staff, Instructors*

See how the seemingly impossible is achieved! 3-D printing takes digital files and transforms them into real objects. In this class, you'll learn basic 3-D computer-aided design (CAD) principles and learn to code in BlocksCAD software to create unique, three-dimensional designs. You'll design a couple of your own projects; your instructor will print these outside of class and bring them back for you to take home. While you're being creative and having fun, you're also learning real programming concepts including loops and variables, and gaining geometry and computational skills as well. It's the printing of the future, right here and now. Grades 3-5.

*Sign up for this class with Coding with Computercraft and save \$50! Discount will appear at checkout.*

8 sessions \$245

**Wednesdays March 28–May 23**

KE174-W18-CA **Cabot at Carr School**

**Fridays April 6–June 1**

KE174-W18-BU **Burr**

### NEW

### 3-D Printing Design & Projects

*BlocksCAD Inc staff, Instructors*

This class includes all the activities from our 3-D Printing class above. In addition, you'll work on projects such as a tablet/iPad accessory, an architectural model, a science fiction character, or a vehicle. While you're being creative and having fun, you're also learning real programming concepts including loops and variables, and gaining geometry and computational skills as well. Grades 3-5.

12 sessions \$295

**Fridays January 26–May 4**

KE291-W18-HM **Horace Mann**

### Actors Studio

*Bridget Frey & TBA, Instructors*

Whether your goal is to be a star someday or you just like to perform, here's your chance to shine. Enjoy a variety of acting exercises, physical and vocal warm-ups, and improvisational games to get you comfortable with free expression and imagination. You'll learn basic acting concepts, see how plays are created and produced, and gain poise in front of any type of audience. The final class will include a revue performance showcasing the skills you've learned. New and returning students welcome. Grades 1-5.

10 sessions \$225

**Mondays January 22–April 2**

KE235-W18-BU **Burr** (Frey)

**Wednesdays January 24–April 4**

KE235-W18-LE **Lincoln Eliot** (Frey)

**Thursdays January 25–April 5**

KE235-W18-ZE **Zervas** (Frey)

**Fridays January 26–April 13**

KE235-W18-BO **Bowen** (TBA)

KE235-W18-HM **Horace Mann** (Frey)

### Advanced Actors Studio

This class is for Horace Mann kids in grades 2-5 who have taken our Actors Studio class and would like to work on monologues and scripted scenes.

10 sessions \$75

**Fridays January 26–April 13 4:20–4:45pm**

KE282-W18-HM **Horace Mann**

### Advanced Chess

*Ross Eldridge, Ilya Krasik, & Nicholas Sterling, Instructors*

Expand your knowledge of chess and improve your playing. Learn positional tactics and advanced moves, according to your level of ability. Play games against formidable opponents! This class is open to returning advanced students or by permission of the instructor only.

14 sessions \$265

**Fridays February 9–June 1** (Grades 1-5)

KE103-W18-CA **Cabot at Carr School** (Krasik)

KE103-W18-MR **Mason Rice** (Eldridge)

**Tuesdays January 23–May 8 3:30–4:30pm\***

KE103-W18-DY **Day** (Sterling)

\* This class is for tournament-level players in grades 1-8.

## Camp Fair at Newton North High School

**Sunday January 28,  
12-4pm**

**Come see what NCE has  
in store for kids this  
summer and sign up early  
to secure your spot.**

### Advanced Drawing

*Jack Neylan, Instructor*

Attention parents: If you've seen your kids draw and think they may have some serious talent, we want them in this class! Kids: if you love to draw and want to find out how good you can be, this is the class for you. You'll build your skills by drawing still-lives, drawing from photographs, and experimenting with various artistic styles such as realism, impressionism, and abstraction. We'll discuss color theory, how to draw anatomy, and other relevant topics for the serious or aspiring artist. New and returning students welcome. Grades 2-5.

*Bring a sketchpad for now—a more detailed supply list is coming later.*

14 sessions \$315

**Tuesdays January 23–May 8 12:45–2:15pm**

KE150-W18-BO **Bowen**

### App Inventors

*Circuit Lab staff, Instructors*

If you're curious about how the apps on your phone and tablet work, or have an idea for the next great app but need to learn how to create it, join us for this class. We'll use MIT App Inventor to make fun, creative apps for Android phones and tablets. You'll learn both the programming and design aspects of creating great apps, and have the opportunity to build any app you can imagine, with the guidance of our expert Circuit Lab instructors. The programming concepts you learn here apply to Apple products as well. All levels welcome. Grades 3-5.

10 sessions \$275

**Mondays January 22–April 2 3:15–4:30pm**

KE267-W18-FR **Franklin**

## NEW

### App Inventors 2

*Circuit Lab staff, Instructors*

Explore the inner workings of electronic devices in this hands-on class. Using MIT App Inventor software, with Arduino microcontrollers and Bluetooth, we'll program Android apps to read sensors, drive robot cars, and control lights by remote. You'll learn fundamentals of circuitry, programming, and app design while building your projects guided by our Circuit Lab instructors. There's plenty of room for your own ingenuity here, and the concepts you'll learn apply to Apple products as well. All levels welcome. Grades 3-5.

10 sessions \$275

**Tuesdays January 23–April 3** 12:45–2pm  
KE283-W18-MR **Mason Rice**

**Thursdays January 25–April 5** 3:15–4:30pm  
KE283-W18-BO **Bowen**

**Fridays January 26–April 13** 3:15–4:30pm  
KE283-W18-AN **Angier**

### Awesome Art

*Beth Meditz, Instructor*

Think outside the box! Better yet, use that box to make unique artwork. In this class, you'll discover how familiar art supplies combined with assorted recycled materials can be used to create masterful works of art. Possible projects include plasticine-decorated picture frames, clay sculptures, paper plate bouquets, adorned wall-hangings, and the list goes on. You'll work in a variety of media to make different projects each week. New and returning students welcome. Grades K-3.

8 sessions \$235

**Wednesdays January 24–March 21**  
KE199-W18 **Horace Mann**

Ready for some competitive chess?  
Sign up for our *Chess Tournament!*  
See page 2 for details.

Adults: you can get in on the action too. See the *Chess Strategy* class on our website.

### Chess

*Ross Eldridge, Ilya Krasik, Lou Mercuri, Maryanne Reilly, Nicholas Sterling, & Prathiba Yuvarajan, Instructors*

Learn chess principles, positional tactics, and basic to advanced moves, according to your level of ability. Play games coached by our expert instructors, gain the confidence to play well against any opponent, and come away with new appreciation and respect for one of the most wonderful games ever invented. Grades 1-5.

*You must know how the pieces move before attending this class. Kids who start the class without this knowledge may be asked to withdraw.*

14 sessions \$265

**Mondays February 5–May 21**

KE102-W18-BO **Bowen** (Sterling)

KE102-W18-PE **Peirce** (Yuvarajan)

KE102-W18-WI **Williams** (Eldridge)

**Tuesdays January 23–May 8**

KE102-W18-BU1 **Burr** (Reilly)

KE102-W18-FR **Franklin** (Krasik)

KE102-W18-HM **Horace Mann** (Sterling)

KE102-W18-LE **Lincoln Eliot** (Yuvarajan)

KE102-W18-MR1 **Mason Rice** (Eldridge)

KE102-W18-MR2 **Mason Rice** (Eldridge; 2-3pm)

KE102-W18-ZE **Zervas** (Mercuri)

**Wednesdays January 31–May 16**

KE102-W18-BU2 **Burr** (Yuvarajan)

KE102-W18-CO **Countryside** (Eldridge)

**Thursdays January 25–May 10**

KE102-W18-AN **Angier** (Eldridge)

**Fridays February 9–June 1**

KE102-W18-WA **Ward** (Sterling)

### Chinese Club

*Greer Swiston, Michelle Yu, & TBA, Instructors*

Join us for Chinese immersion in an intimate and fun setting. You'll learn the Mandarin language; work on crafts such as calligraphy, origami, and paper-cutting; and enjoy singing Chinese songs and playing games. All levels welcome. Grades K-5.

14 sessions \$385 3:15–5:15pm

**Mondays January 22–May 7**

KE201-W18-BO **Bowen** (Yu)

KE201-W18-CA **Cabot at Carr School** (TBA)

**Mondays February 12–June 4**

KE201-W18-FR **Franklin** (Swiston)

**Wednesdays January 31–May 16**

KE201-W18-AN **Angier** (Yu)

**Thursdays January 25–May 10**

KE201-W18-BU **Burr** (Yu)

KE201-W18-WA **Ward** (TBA)

**Fridays February 9–June 1**

KE201-W18-PE **Peirce** (Yu)

14 sessions \$385 12:45-2:45pm

**Tuesdays January 23–May 8**

KE201-W18-HM **Horace Mann** (Yu)

KE201-W18-ZE **Zervas** (Swiston)

20 sessions \$475 3-5pm

**Wednesdays January 24–June 20**

KE201-W18-CO **Countryside** (Swiston)

### Coding with Computercraft

*Einstein's Workshop staff, Instructors*

Use Minecraft to learn computer programming skills. You'll program Minecraft "turtles" to build structures and automate various tasks. With a language called "Lua," you'll learn basic programming concepts including functions, nested functions, and loops and variables, as you create your Minecraft structures. No Minecraft or programming experience necessary; all levels welcome. Grades 3-5.

*Sign up for this class with 3-D Printing & Design and save \$50! Discount will appear at checkout.*

8 sessions \$245

**Wednesdays January 24–March 21**

KE191-P18-CA **Cabot at Carr School**

**Fridays January 26–March 23**

KE191-P18-BU **Burr**

### Coding with Scratch

*Einstein's Workshop staff, Instructors*

Use this popular free program to write your own video game. Scratch was designed at MIT not only to teach kids to code, but also to do it in a way that is transferable to more sophisticated languages. You'll learn basic programming concepts by snapping software blocks together, create your own virtual interactive world with mazes for friends to navigate or obstacles for your game's hero to avoid, and animate the winner's victory celebration. The world runs on code, and it's never too early to get started learning! No experience necessary. Grades 3-5.

8 sessions \$245

**Mondays January 22–March 19**

KE269-W18-WA **Ward**

## Digital Art & Animation

Jack Neylan, Instructor

Get animated and make things move! Start by making a simple drawing in Photoshop, using coloring, layering, and other effects. Then invent a cast of characters, draw/paint a background for them to inhabit, and transition them into a simple digital comic. You'll get a brief history of animation shorts, then create a concept for your own short animation. You'll learn frame animation to complete your film, adding sound too, if time allows. Bring a USB flash drive to class. New and returning students welcome; returning students will work on more advanced projects. Grades 3-5.

14 sessions \$265

**Mondays February 5–May 21**

KE153-W18-CO **Countryside**

## Drawing Club

Jack Neylan, Instructor

Take your drawing to the next level. We'll work on techniques to help you draw the way you want to; you'll learn how to draw faces, bodies, objects, landscapes, and perspective, with step-by-step individual attention so you can progress at your own rate. We'll provide challenges for the more experienced artists and encouragement for the newer ones—you'll all end up drawing better than you ever thought you could. New and returning students welcome. Grades 2-5.

Bring paper (preferably an 8x10 sketchbook), pencils (regular and colored), erasers, and markers.

14 sessions \$265

**Wednesdays January 31–May 16**

KE149-W18-FR **Franklin**

**Thursdays January 25–May 10**

KE149-W18-WI **Williams**

**Fridays February 9–June 1**

KE149-W18-WA **Ward**

## DON'T WAIT!

Sign up now for the class you want to take. We must decide whether or not a class is running a week before its start date, and your registration can make the difference.

Some classes fill quickly, so register early to avoid disappointment.

## NEW

### ELL Conversation Hour

Melissa Tabak, Instructor

Join fellow English language learners and boost your English speaking skills. In this friendly and supportive environment, we'll just talk. Share stories about your favorite school activities or personal interests; introduce your classmates to unique aspects of your culture; or just enjoy our group conversation, and maybe some games and crafts too. You'll improve your vocabulary and listening skills, and also make new friends to share your journey into the English language. All levels welcome; grades 1-5.

10 sessions \$195

**Wednesdays January 24–April 4**

KE280-W18-BO **Bowen**

**Thursdays January 25–April 5**

KE280-W18-ZE **Zervas**

## NEW

### Girls Science Club: Robotics, Engineering & Design

Wicked Cool for Kids staff, Instructors

We've combined two Wicked Cool classes just for girl scientists/engineers. We'll begin by working with Legos and computers to build and program robots ready for adventure: create bots that compete in soccer games and fans to cheer them on, attempt a daring airplane rescue, and sail a boat in a storm. Complete your We-Do adventure by designing your own interactive robot to compete in challenges you and your team dream up. Bringing your engineering skills to the next level, you'll use a wide variety of materials to create, design, and build cool inventions to take home. You'll design a water filter that really works, engineer a path for a marble to move down a run, and construct a balancing clown and a cool creature that can sink or float. Grades 1-3.

12 sessions \$285

**Mondays January 22–April 23**

KE288-W18-BO **Bowen**

**Thursdays January 25–April 26**

KE288-W18-FR **Franklin**

KE288-W18-UN **Underwood**

KE288-W18-WA **Ward**

**Fridays January 26–May 4**

KE288-W18-CA **Cabot at Carr School**

KE288-W18-CO **Countryside**

## NEW

### Early-Release Science Days

Wicked Cool for Kids staff, Instructors

Spend your early release days with us this winter and spring. We've got three all new and super exciting science classes for you.

In the first class, *Squishy Circuits*, you'll combine make-your-own playdough with electronics to build circuits. You'll concoct colored conductive and insulating dough, and integrate batteries and LEDs to make creations with light-up components.

In the second class, *Slime Time*, you'll create six amazing slime samples and be the envy of all your friends. Make amazing glow-in-the-dark slime and super smelly putty. Whip up some polka dot slime and color-explosion goop. Finish up with undersea slime and a bouncy ball formula.

In the third class, *Space Base*, you'll travel into space and construct a human habitat. You'll determine what you'll need to terraform a planet; decide how to grow food, where to live, and how to communicate with Earth; and then construct buildings and landscapes for the survival of humankind.

Get into science and spend your early-release days with us. Grades 1-4.

Sign up for one, or take all three and save \$15. Discount will apply at checkout.

1 session \$65

**Wednesday February 7** 12:30–3pm

KE279-W18-Squishy-BO **Bowen**

KE279-W18-Squishy-CA **Cabot at Carr School**

KE279-W18-Squishy-HM **Horace Mann**

KE279-W18-Squishy-UN **Underwood**

**Thursday March 8** 12:30–3pm

KE279-W18-Slime-BO **Bowen**

KE279-W18-Slime-CA **Cabot at Carr School**

KE279-W18-Slime-HM **Horace Mann**

KE279-W18-Slime-UN **Underwood**

**Thursday May 3** 12:30–3pm

KE279-W18-Space-BO **Bowen**

KE279-W18-Space-CA **Cabot at Carr School**

KE279-W18-Space-HM **Horace Mann**

KE279-W18-Space-UN **Underwood**

## Glass Class

*Michel L'Huillier, Instructor*

Make professional-looking glass crafts, using various techniques. With fusing, you'll create a plate, necklace, 3-D animals, and/or decorative tiles. With mosaic, you'll make a trivet, nameplate, or decorated mirror. And with jewelry-mosaic, you'll place glass beads and pieces in a deep pendant to create a unique necklace suitable for girls or boys. We'll do some small ceramics projects too. Learn to work safely with glass as you explore the creativity this medium allows. Safety glasses will be provided; wear closed-toe shoes. Grades 1-5.

*Due to the high cost of glass materials for this class, there is a materials fee. Please come to the first class with a check for \$85 made out to the instructor.*

14 sessions \$255

**Mondays February 5–May 21**

KE157-W18-AN **Angier**

**Wednesdays January 31–May 16**

KE157-W18-ZE **Zervas**

**Fridays February 9–June 8**

KE157-W18-MR **Mason Rice**

## NEW

### Hands-on Electronics

*Circuit Lab staff, Instructors*

Tinker with electronics while learning the basics of computer programming. We'll conduct experiments that explore the fundamentals of electronics and circuit building; then you'll move on to design your own interactive and programmable devices. Working both independently and in teams, you'll use the latest tools including Arduino (for building interactive devices) and Raspberry Pi (for learning about computers and coding) to experiment with LEDs, resistors, motors, and programming. You'll create interactive flashlights, digital musical instruments, homemade computer games, and more. Each day you'll design a hands-on project under the guidance of our skilled instructors. Grades 3-5.

10 sessions \$275

**Fridays January 26–April 13** 3:15–4:30pm

KE166-W18-CO **Countryside**

## Home Alone Safety

*Natick Visiting Nurse Association staff, Instructors*

Take the first steps towards independence. Learn about Internet safety, phone and door-answering techniques, accident and fire protection, and first aid techniques. We'll watch an instructional video, discuss how to manage your time when you're home alone for short periods, and explore scenarios through role-playing. Grades 3-5.

1 session \$50

**Wednesday February 7** 12:45–2:45pm

KE230-W18-ZE **Zervas**

**Thursday February 8** 3:15–5:15pm

KE230-W18-HM **Horace Mann**

**Thursday March 1** 3:15–5:15pm

KE230-W18-BU **Burr**

**Tuesday March 6** 12:45–2:45pm

KE230-W18-PE **Peirce**

**Thursday March 8** 12:45–2:45pm

KE230-W18-MR **Mason Rice**

**Tuesday March 13** 12:45–2:45pm

KE230-W18-CO **Countryside**

**Thursday May 3** 12:45–2:45pm

KE230-P18-WA **Ward**

## NEW

### Intro to Circuitry with Minecraft Redstone

*Einstein's Workshop staff, Instructors*

Become an electrical engineer with Minecraft Redstone, a wiring system that transmits power and signal to Minecraft structures. Learn how circuitry works as you engineer switches, gates, and complex traps to keep pesky critters out of your buildings. We'll explore digital logic and how it applies to Minecraft, other games, and circuitry in the real world. By the end of class, you'll be engineering buildings using signal processors, transmission lines, and a variety of power sources. Grades 3-5.

*Sign up for this class with Minecraft Architecture and save \$50! Discount will appear at checkout.*

8 sessions \$245

**Mondays March 26–May 21**

KE286-P18-MR **Mason Rice**

**Thursdays March 29–May 24**

KE286-P18-ZE **Zervas**

## Intro to Guitar

*Phil Kaplan, Instructor*

With just a basic introduction to guitar, you can learn to play and sing your favorite songs. Learn fundamentals like how to play melodies and chords, strumming/finger-picking techniques, and the rudiments of rhythm and harmony. You'll be playing your favorite music in no time. Grades 4-5.

*Bring your acoustic guitar (preferably with nylon strings for ease of playing), blank guitar manuscript paper (preferably with tablature lines), pencil(s), and guitar picks. Make sure you have decent nails on your strumming hand (your right hand, unless you have a leftie's guitar), and close-trimmed nails on your other hand.*

10 sessions \$225

**Wednesdays January 24–April 4**

KE278-W18-AN **Angier**

**Fridays January 26–April 13**

KE278-W18-WI **Williams**

## Language Clubs

See our website for the complete list of ongoing and new language classes this winter.

## LEGO Engineering & Robotics

*Wicked Cool for Kids staff, Instructors*

Learn real-world engineering concepts by building with Legos. Incorporate gears, pulleys, and levers as you build a seesaw, vehicle, and other working mechanisms. (We'll build these with Duplos, for maximal engineering efficiency.) Become a robotics engineer using Lego We-Do Robotics, which features models that combine motors and sensors with simple programming software. Build and program birds that dance; spinning tops; and animals like lions, crocodiles, and monkeys. Use your own motions and sounds to command your bots! Grades K-2.

12 sessions \$285

**Tuesdays January 23–April 24**

KE289-W18-AN **Angier**

KE289-W18-BO **Bowen**

KE289-W18-WI **Williams**

**Wednesdays January 24–April 25**

KE289-W18-MR **Mason Rice**

**Thursdays January 25–April 26**

KE289-W18-CA **Cabot at Carr School**

KE289-W18-CO **Countryside**

**Fridays January 26–May 4**

KE289-W18-FR **Franklin**

KE289-W18-HM **Horace Mann**

# NCE Kids Winter at a glance

## Class Day Grades

### ANGIER

Wicked Gross/Design & Build	Mon	1-3
Glass Class	Mon	1-5
Lego Engineering & Robotics	Tue	K-2
Math Mania	Tue	3-5
Chinese Club	Wed	K-5
Intro to Guitar	Wed	4-5
Chess	Thu	1-5
Paint Like Picasso	Fri	2-5
App Inventors 2	Fri	3-5

### BIGELOW

Archery (Spring)	Tue	3 & up
Java Coding with Minecraft	Tue	6-8

### BOWEN

Chinese Club	Mon	K-5
Girls Science Club: Robotics, Engineering & Design	Mon	1-3
Chess	Mon	1-5
Lego Engineering & Robotics	Tue	K-2
Advanced Drawing	Tue	2-5
ELL Conversation Hour	Wed	1-4
Next Gen Lego Robotics	Wed	3-5
Early-Release Science Days	Wed/Thu	1-4
Pottery	Thu	1-5
App Inventors 2	Thu	3-5
Wicked Gross/Design & Build	Fri	1-3
Actors Studio	Fri	1-5

### BROWN

Yoga for Middle Schoolers	Tue	6-8
Flag Football (spring)	Tue	6-8
3-D Printing & Design	Tue	6-8
Creative Computing	Tue	6-8
Fencing	Fri	1-8

## Class Day Grades

### BURR

Actors Studio	Mon	1-5
Chess	Tue	1-5
Modern Art Adventure	Wed	1-4
Chess	Wed	1-5
Chinese Club	Thu	K-5
Home Alone Safety (Mar 1)	Thu	3-5
Math Mania	Thu	3-5
Wicked Gross/Design & Build	Fri	1-3
3-D Printing & Design	Fri	3-5
Coding with Computercraft	Fri	3-5

### CABOT AT CARR SCHOOL

Chinese Club	Mon	K-5
3-D Printing & Design	Wed	3-5
Early-Release Science Days	Wed/Thu	1-4
Coding with Computercraft	Wed	3-5
Lego Engineering & Robotics	Thu	K-2
Advanced Chess	Fri	1-5
Girls Science Club: Robotics, Engineering & Design	Fri	1-3

### COUNTRYSIDE

Wicked Gross/Design & Build	Mon	1-3
Digital Art & Animation	Mon	3-5
Home Alone Safety (Mar 18)	Tue	3-5
Chinese Club	Wed	K-5
Chess	Wed	1-5
Lego Engineering & Robotics	Thu	K-2
Modern Art Adventure	Thu	1-4
Girls Science Club: Robotics, Engineering & Design	Fri	1-3
Hands-on Electronics	Fri	3-5

## Class Day Grades

### DAY

3-D Printing & Design	Mon	6-8
Advanced Chess	Tue	1-8
Parkour	Tue	3-5
Parkour	Tue	6-8
Chess for Middle Schoolers	Tue	6-8
Robotics with Mindstorms	Tue	6-8
Yoga for Middle Schoolers	Wed	6-8
Stock Market Game for Girls	Wed	6-8
Stock Market Game	Thu	6-8

### FRANKLIN

Chinese Club	Mon	K-5
App Inventors	Mon	3-5
Chess	Tue	1-5
Wicked Gross/Design & Build	Wed	1-3
Drawing Club	Wed	2-5
Girls Science Club: Robotics, Engineering & Design	Thu	1-3
Italian Club	Thu	2-5
Lego Engineering & Robotics	Fri	K-2
Origami & More	Fri	K-2

### HORACE MANN

Chinese Club	Tue	K-5
Chess	Tue	1-5
Awesome Art	Wed	K-3
Early-Release Science Days	Wed/Thu	1-4
Home Alone Safety (Feb 8)	Thu	3-5
Lego Engineering & Robotics	Fri	K-2
Actors Studio	Fri	1-5
3-D Printing	Fri	3-5

### LINCOLN ELIOT

Chess	Tue	1-5
Actors Studio	Wed	1-5
Wicked Gross/Design & Build	Fri	1-3

Class	Day	Grades
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### MASON RICE

Paint Like Picasso	Mon	2-5
Minecraft Architecture	Mon	3-5
Intro to Circuitry	Mon	3-5
Chess	Tue	1-5
App Inventors 2	Tue	3-5
Lego Engineering & Robotics	Wed	K-2
Wicked Gross/Design & Build	Thu	1-3
Next Gen Lego Robotics	Thu	3-5
Home Alone Safety (Mar 8)	Thu	3-5
Advanced Chess	Fri	1-5
Glass Class	Fri	1-5

### MASON RICE FIELD (SPRING)

Multi Sports	Tue	K-2
Morning Yoga & Meditation	Wed	4-5
T-Ball	Fri	Ages 3-5
Flag Football	Fri	3-5
Soccer Tykes	Sat	Ages 2-3
Soccer	Sat	Ages 4-6

### OAK HILL

Archery	Tue	3-8
Chess for Middle Schoolers	Tue	6-8

### PEIRCE

Chess	Mon	1-5
Home Alone Safety (Mar 6)	Tue	3-5
Next Gen Lego Robotics	Thu	3-5
Chinese Club	Fri	K-5

### UNDERWOOD

Next Gen Lego Robotics	Mon	3-5
Wicked Gross/Design & Build	Wed	1-3
Early-Release Science Days	Wed/Thu	1-4
Girls Science Club: Robotics, Engineering & Design	Thu	1-3

Class	Day	Grades
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### WARD

Coding with Scratch	Mon	3-5
Chinese Club	Thu	K-5
Girls Science Club: Robotics, Engineering & Design	Thu	1-3
Home Alone Safety (May 3)	Thu	3-5
Chess	Fri	1-5
Drawing Club	Fri	2-5

### WILLIAMS

Chess	Mon	1-5
Lego Engineering & Robotics	Tue	K-2
Drawing Club	Thu	2-5
Wicked Gross/Design & Build	Fri	1-3
Intro to Guitar	Fri	4-5

### ZERVAS

Chinese Club	Tue	K-5
Chess	Tue	1-5
Glass Class	Wed	1-5
Home Alone Safety (Feb 7)	Wed	3-5
Actors Studio	Thu	1-5
ELL Conversation Hour	Thu	1-4
Minecraft Architecture	Thu	3-5
Intro to Circuitry	Thu	3-5
Wicked Gross/Design & Build	Fri	1-3
Math Mania	Fri	3-5

### VACATION WEEK PROGRAMS AT NEWTON NORTH

Babysitting/CPR Training	Feb & April	5-10
Chess Intensive	Feb & April	2-5
Digital Art & Animation	Feb & April	3-6
Science Lab	Feb	K-2
Art Extravaganza	Feb	K-3
Engineering & Electricity Workshop	Feb	1-4
Art Around the World	April	K-3
Wicked Cool Science Week	April	1-4

Class	Location	Grades
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### FAMILY & SATURDAY CLASSES

American Girl Entrepreneurs	South	K-4
Baking Outside the Box 2	South	2 & up w/adult
Chess Tournament	South	1-8
Family-Pleasing Dinners	South	2 & up w/adult
Glass Fusing	South	1 & up w/adult
Glass Mosaic	South	2 & up w/adult
Star Wars Jedi Training	South	K-4
Upcycled Outfits	South	2 & up w/adult
Soccer Tykes	Burr/Mason Rice	Ages 2-3 w/adult
Tot Jam	Burr	Ages 2-3 w/adult
Multi Sports	Burr	Ages 4-6
Soccer	Burr/Mason Rice	Ages 4-6

### DON'T MISS...

**Advanced Chess at Day**, page 4  
**Archery**, page 13  
**Babysitting & CPR**, pages 11 & 12  
**Debate Club**, page 12  
**Fencing**, page 13  
**Flag Football**, page 13  
**Parkour**, page 13  
**Saturday Sports**, pages 3, 13, & 14  
**The Stock Market Game**, page 12

## Math Mania

*John Michos, Instructor*

If you're an aspiring engineer, programmer, or financial whiz, or just love math and can't get enough of it in school, this class is for you. Join other math-minded kids for extra fun with math. Sharpen your critical thinking skills with math puzzles, games, and brain teasers. Learn basic concepts of computer coding through storytelling and sleuth games. When you complete this class, you'll be able to break big problems into small ones, look for patterns, create step-by-step plans, and think outside the box. Grades 3-5.

10 sessions \$225

**Tuesdays January 23–April 3**

KE292-W18-AN **Angier**

**Thursdays January 25–April 5**

KE292-W18-BU **Burr**

**Fridays January 26–April 13**

KE292-W18-ZE **Zervas**

## NEW

### Minecraft Architecture

*Einstein's Workshop staff, Instructors*

Minecraft is more than just mining and crafting—with its hundreds of blocks, textures, and architectural elements, you can build awesome structures modeled on real-world buildings. In our design/development phase, you'll consult various reference materials and discuss recurring architectural themes. Then you'll use this knowledge to construct your own architectural model. No Minecraft experience needed, but a creative mind is required! Grades 3-5.

*Sign up for this class with Intro to Circuitry with Minecraft Redstone and save \$50! Discount will appear at checkout.*

8 sessions \$245

**Mondays January 22–March 19**

KE285-W18-MR **Mason Rice**

**Thursdays January 25–March 22**

KE285-W18-ZE **Zervas**

## NEW

### Modern Art Adventure

*Nicole Danson, Instructor*

Get inspired by famous artists like Picasso, Monet, Van Gogh, and more. Do whimsical, abstract paintings, spatter paint like Jackson Pollock, create wire sculptures and mobiles like Calder and collages like Matisse. Use colored tissue paper and watercolor paints to make Impressionist art like Monet, still lifes like Cézanne, and dot paintings like Seurat. Learn a bit of art history as we focus on an artist a week, see images of his work, and create art inspired by that style. Grades 1-4.

10 sessions \$245

**Wednesdays January 24–April 4** 3:15–4:45pm

KE293-W18-BU **Burr**

**Thursdays January 25–April 5** 3:15–4:45pm

KE293-W18-CO **Countryside**

### Morning Yoga & Meditation

*Barbara Perlo, Instructor*

Gear up for a great day at school. Yoga is not just for adults—it's great for kids too; it makes you strong, improves your balance and coordination, and even boosts your concentration. In this class you'll learn about anatomy, nature, and the power of controlled breathing; you'll practice yoga poses to build your strength and flexibility, and engage in meditation exercises to get you in good mental shape for the day. You'll leave class energized and with a positive outlook to handle whatever the day may throw your way. Grades 4-5.

*Bring your own yoga mat to class.*

10 sessions \$225

**Wednesdays April 4–June 13** 7:30–8:15am

KE270-P18 **Mason Rice Field, the Hut**



Paint Like Picasso

## Next Gen Lego Robotics

*Wicked Cool for Kids staff, Instructors*

Join us to pioneer newly-designed Lego Robotics software. Learn programming skills and use LEGO kits to make robots capable of completing structured and open-ended tasks. Build free-roaming bots that use sensors to know when to stop, or create a shake table to test houses made to withstand an earthquake. Explore fun, new programming options with new WeDo 2.0. Grades 3-5.

12 sessions \$285

**Mondays January 22–April 23**

KE171-W18-UN **Underwood**

**Wednesdays January 24–April 25**

KE171-W18-BO **Bowen**

**Thursdays January 25–April 26**

KE171-W18-MR **Mason Rice**

KE171-W18-PE **Peirce**

## NEW

### Origami & More

*Eva Kovács, Instructor*

Enjoy origami and other colorful, creative paper craft projects in a supportive setting. Learn origami techniques and make intricate animals, flowers, houses, cars, planes... you name it. Explore paper beading, popsicle stick projects like paper dolls and more, and paper plate animal creations too. Grades K-2.

8 sessions \$235

**Fridays January 26–March 23** 3:15–4:30pm

KE295-W18 **Franklin**

### Paint Like Picasso

*Abygale Choi, Instructor*

Join the ranks of famous painters like Picasso and Monet and explore the use of expressive lines and color in your artwork. Discover how colors work together and use them to express your personality. We'll create a range of compositions including portraits, landscapes, and animal art; you'll draw from your imagination too. You'll paint with watercolors and oil pastels, and explore printmaking, collaging, and more. Grades 2-5.

*Bring an 8 x 10 sketchpad to class; the rest of the materials will be supplied.*

10 sessions \$265

**Mondays January 22–April 2**

KE275-W18-MR **Mason Rice**

**Fridays January 26–April 13**

KE275-W18-AN **Angier**

## Pottery

Lisa Walker, Instructor

Clay is the greatest outlet for builders and artists alike. In this class you'll work with your hands to create interesting and unique projects that can be functional, beautiful, or both. You'll make a range of pieces, then glaze and fire your favorites. New and returning students welcome. Grades 1-5.

14 sessions \$285

**Thursdays February 1–May 17**  
KE100-W18-BO **Bowen**

### NEW

## Wicked Gross Science/ Design & Build

Wicked Cool for Kids staff, Instructors

We're combining two Wicked Cool classes for the science enthusiast. This class is not for the easily queasy—the gross yet fascinating things in life hide many science secrets (like what's hidden in a diaper). You'll classify some creepy crawlies and neutralize smelly smells; make some model mucus, create alien slime, and dissect owl puke for a grossly amusing start. Next, you'll don your engineer hat to create, design, and build. Be an inventor and execute a water filter design that really works; engineer a path (with math) to move a marble down a run; and tackle other engineering challenges to build your own balance toy, create a creature that will sink and float, and construct a craft stick catapult. Grades 1-3.

12 sessions \$285

**Mondays January 22–April 23**

KE287-W18-AN **Angier**

KE287-W18-CO **Countryside**

**Wednesdays January 24–April 25**

KE287-W18-FR **Franklin**

KE287-W18-UN **Underwood**

**Thursdays January 25–April 26**

KE287-W18-MR **Mason Rice**

**Fridays January 26–May 4**

KE287-W18-BO **Bowen**

KE287-W18-BU **Burr**

KE287-W18-LE **Lincoln Eliot**

KE287-W18-WI **Williams**

KE287-W18-ZE **Zervas**

## Classes for Middle Schoolers

### Advanced Chess

See page 4 for details.

### 3-D Printing & Design

BlocksCAD Inc staff, Instructors

See how the seemingly impossible is achieved! 3-D printing takes digital files and transforms them into real objects. In this class, you'll learn basic 3-D computer-aided design (CAD) principles and learn to code in BlocksCAD software to create unique, three-dimensional designs. You'll design a couple of your own projects; your instructor will print these outside of class and bring them back for you to take home. While you're being creative and having fun, you're also learning real programming concepts including loops and variables, and gaining geometry and computational skills as well. It's the printing of the future, right here and now! Grades 6-8.

Sign up for this class with Creative Computing and save \$50! Discount will appear at checkout.

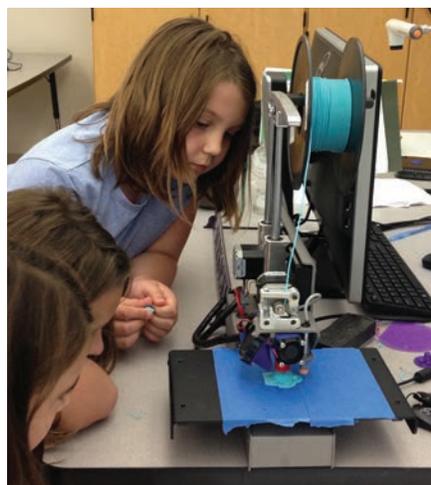
6 sessions \$265

**Mondays January 29–March 12 2:45–4:15pm**

KM40-W18-DY **Day**

**Tuesdays January 30–March 13 2:30–4pm**

KM40-W18-BR **Brown**



## Babysitting & Safety Training

Natick Visiting Nurse Association staff, Instructors

Become an expert babysitter with this American Academy of Pediatrics course. Get all the information you need to care for infants and older children: how to react responsibly to medical emergencies and injuries, perform first aid for common childhood injuries and illnesses, and set up and run your own successful babysitting business. You will receive a certificate of completion at the end of the course, as well as our BLAST (Babysitter Lessons and Safety Training) manual for your future reference. Grades 5-10.

Sign up for this class with Pediatric First Aid & CPR (KM20), and receive a \$10 discount.

Discount will appear at checkout.

1 session \$80

**Wednesday February 7 3:15–6:15pm**

KM19-W18-1 **Newton South**

**Wednesday February 21 9am–12pm**

KM19-W18-2 **Newton North**

**Thursday March 8 3:15–6:15pm**

KM19-W18-3 **Newton South**

**Wednesday April 18 9am–12pm**

KM19-P18-1 **Newton North**

**Thursday May 3 3:15–6:15pm**

KM19-P18-2 **Newton South**

## Chess for Middle Schoolers

Lou Mercuri & Nicholas Sterling, Instructors

Our chess program has been popular with elementary schoolers for years. Here's an opportunity for serious players who have advanced to middle school to continue to improve their skills, participate in tournaments, and enjoy a weekly game supervised by an experienced chess pro. Novice players are welcome too if they have a basic understanding of chess. Grades 6-8.

These are intermediate level classes. Tournament-level players are invited to join our Advanced Class at 3:30pm at Day, which is for grades 1-8.

14 sessions \$265

**Tuesdays January 23–May 8**

KM09-W18-DY **Day** (Sterling; 2:15–3:15pm)

KM09-W18-OH **Oak Hill** (Mercuri; 2:10–3:10pm)

**NEW****Creative Computing***Circuit Lab staff, Instructors*

Electronic circuitry meets computer programming in this class. Use the latest tools: Arduino (for building interactive devices) and Raspberry Pi (for learning about computers and coding) to take an idea and make it a real thing. We'll create everything from LED light shows to touchless musical instruments to wearable computers, using a library of parts and equipment. Learn not just how to use computers, but also how to make them work for you, through our series of fun, hands-on projects. Grades 6-8.

*Sign up for this class with 3-D Printing & Design and save \$50! Discount will appear at checkout.*

6 sessions \$265

**Tuesdays May 1–June 5** 2:30–4pmKM53-P18-BR **Brown****Debate Club***Lumos Debate, Instructor*

If you like to win every argument, join us to perfect your debating skills. Learn the basics of debate including argument construction, public speaking, research skills, critical writing, and body language. Through fun games and activities, you'll develop your skills while having a blast in a high-encouragement, low-pressure environment. All levels welcome; students will be grouped based on debate experience. Grades 7-9.

4 sessions \$125

**Thursdays January 25–February 15** 5–6:30pmKM49-W18 **Newton South****Java Coding with Minecraft***Einstein's Workshop staff, Instructors*

Learn programming basics in Java to write your own Minecraft "mods." Mods (modifications) add content to the game to alter game play, change the creative feel, and give you more options for interacting with the Minecraft world. We'll use Forge API, a mod loading and execution tool, to craft diamonds from dirt, smelt up bedrock, and create custom blocks. No programming

experience is required, but familiarity with Minecraft is helpful. Grades 6-8.

8 sessions \$265

**Tuesdays January 30–March 27** 2:15–3:15pmKM43-W18-BI **Bigelow****Fridays January 26–March 23** 2:45–3:45pmKM43-W18-DY **Day****Pediatric First Aid & CPR***Natick Visiting Nurse Association staff, Instructors*

If you're caring for kids, you need to know how to respond in a first-aid emergency. Learn to handle injuries and manage illness for the first few minutes until help arrives. We'll cover first aid basics and pediatric CPR. This American Heart Association course meets the requirements for camp counselors, babysitters, and more. You will receive a CPR certification after completion of the class. Grades 5-10.

*Sign up for this class with Babysitting & Safety Training (KM19), and receive a \$10 discount. Discount will appear at checkout.*

1 session \$80

**Wednesday February 21** 12:30–3:30pmKM20-W18-1 **Newton North****Thursday March 15** 3:15–6:15pmKM20-W18-2 **Newton South****Wednesday April 18** 12:30–3:30pmKM20-P18 **Newton North****NEW****Robotics with Lego Mindstorms***Einstein's Workshop staff, Instructors*

Learn the basics of computer programming with Lego Mindstorms. Build robots out of Legos and control their movements using a drag-and-drop coding interface. We'll start with the basics of building and movement, then move to advanced navigation, teaching the robot to make decisions for itself using its sensors and motors. You'll learn about calculations and design iterations—useful knowledge for when you advance to more complicated programming or to competitive robotics in high school. Grades 6-8.

8 sessions \$265

**Tuesdays January 30–March 27** 2–3pmKM52-W18-DY **Day****The Stock Market Game***Peter Yaffe, Instructor*

Make big money fast (virtually, that is), as you learn about the real world of investing. In this fun and high-spirited class, you'll try to grow a virtual \$100,000 cash account into a top-performing portfolio, and learn how daily events that shape our world affect our finances. Working individually and in teams, you'll compete against your classmates and other schools across the state, applying your leadership, negotiation, and cooperation skills. Grades 6-8.

10 sessions \$195

**Thursdays January 25–April 12** 2:45–4:15pmKM45-W18-DY **Day****The Stock Market Game for Girls***Peter Yaffe, Instructor*

Compete for big (virtual) money in this girls-only class. See complete description above. Grades 6-8.

10 sessions \$195

**Wednesdays January 24–April 11** 2:45–4:15pmKM41-W18-DY **Day****Yoga for Middle Schoolers***Judi Mackenzie & Barbara Perlo, Instructors*

Complement your academics and extra-curriculars with this energizing class. We'll gear the sequencing of our positions towards creating a sense of community and helping you learn to use yoga in your everyday life. Classes will be lighthearted and fun, but you'll learn precise yoga poses, and will develop balance and strength. We'll provide a rest period (Savasana) so you'll leave class relaxed, refreshed, and ready to tackle the night's homework. Grades 6-8.

*Bring your own yoga mat to class.*

10 sessions \$195

**Tuesdays January 30–April 10** 2:30–3:30pmKM07-W18-BR **Brown** (Mackenzie)**Wednesdays January 24–April 11** 2:45–3:45pmKM07-W18-DY **Day** (Perlo)

## Winter & Spring Sports

### Archery

*Baystate Archery staff, Instructors*

Honoring Newton's legacy of hosting the nation's first organized archery team, NCE is pleased to offer this still-popular sport as part of our after-school program. Archery is a great option for those who prefer a non-competitive individual sport to team sports. Certified instructors from Baystate Archery will determine your dominant eye, explain the rules, and get you started, providing individualized instruction throughout the class. Archers will learn technique, form, and accuracy. Equipment is provided. All levels welcome. Grades 3-8.

8 sessions \$235

**Tuesdays January 23–March 20** 3–4:30pm

KM13-W18 **Oak Hill**

**Tuesdays April 3–May 29** 3–4:30pm

KM13-P18 **Bigelow**

### Fencing: New & Continuing Fencers

*International Fencing Club staff, Instructors*

*En garde!* Discover fencing, a sport featured in the Olympics that has been with us since the dawn of civilization. Become a competitive fencer, or just develop an appreciation of this ageless art form. You'll have fun and get exercise while also learning discipline, etiquette, and sportsmanship. Learn basic fencing techniques such as footwork and bladework, and refine strategies to direct your own bouts. You'll develop confidence, quick thinking, balance, agility, coordination, speed, endurance, and poise. We'll provide individual instruction; fencers will be paired appropriately, so returning fencers are welcome. All equipment is provided; wear sneakers and athletic pants. Grades 1-8.

10 sessions \$235

**Fridays January 26–April 6** 3:30–4:30pm

KE261-W18 **Brown**

### Flag Football

*Thundercat Sports staff, Instructors*

Learn fundamental football skills from our enthusiastic coaches. Each day we'll focus on a "skill of the day" such as passing, catching, running, and offensive/defensive strategies. We'll enjoy a scrimmage at the end of each class so you can apply your new skills, using flags only, no tackling. New and returning athletes are welcome; we'll build on skills you've learned and introduce new ones too.

6 sessions \$145

**Tuesdays April 24–May 29** 2:30–3:30pm

KM31-P18 **Brown** (Grades 6-8)

This class will be held indoors if it rains.

**Fridays April 27–June 1** (Grades 3-5)\*

KE214-P18-1 **Mason Rice Field** (3:30–4:30pm)

KE214-P18-2 **Mason Rice Field** (4:30–5:30pm)

### Multi Sports\*

*Thundercat Sports staff, Instructors*

Perfect for the sports lover, our Multi Sports class (formerly Sports Jam) focuses on Soccer, Basketball, and Field Hockey. In addition to these sports, you'll enjoy familiar and unique games such as Dodgeball, Capture the Flag, and Car Lot. At each session we'll introduce new skills and play games that reinforce those skills. The program culminates with a tournament day. Grades K-2.

*Wear comfortable clothes and sneakers and bring a water bottle.*

6 sessions \$155

**Saturdays January 20–March 10** 10–11am

KW33-W18 **Burr**

**Tuesdays April 24–May 29** 12:30–2pm

KE196-P18 **Mason Rice Field**

*This class will be held on Gordon Field, which is behind the Newton Center Playground, right across the stream from the Mason Rice Field. We'll meet at the Mason Rice playground as school is dismissed, walk together to the field, and enjoy a picnic lunch before class starts (please bring your own lunch). Games will start at 1pm; students from other schools can join us on the field as they arrive. Please go directly to the field, not through the Mason Rice School building.*



### Parkour

*Parkour Generations Boston staff, Instructors*

Make the world your playground! Come see why Parkour is one of the fastest-growing sports in the world. Get physical using equipment like stairs, ramps, and railings that are readily available in our indoor and outdoor environments. Learn Parkour's unique exercises, games, and drills designed to improve your balance, strength, spatial awareness, and flexibility. Our classes are taught by ADAPT-certified coaches, and include instruction in the basic movements and techniques of Parkour, as well as exercises designed to improve general fitness and endurance. Wear comfortable athletic clothing and bring a water bottle.

*Your parent or guardian must sign two waivers for you to participate in this class: the Parkour Generations waiver, and the NCE Sports waiver, both of which can be found under "Forms" on our website. You can bring them to the first class, or email them to: [staff@newtoncommunityed.org](mailto:staff@newtoncommunityed.org).*

8 sessions \$215

**Tuesdays January 23–March 20 @ Day**

KE268-W18-3-5 (Grades 3-5; 4–5:30pm)

KM48-W18-6-8 (Grades 6-8; 2:15–3:45pm)

**Tuesdays April 3–June 5 @ Day**

KE268-P18-3-5 (Grades 3-5; 4–5:30pm)

KM48-P18-6-8 (Grades 6-8; 2:15–3:45pm)

**\* See page 14 for weather cancellation information.**

### What to get that special someone?

NCE gift certificates are available in any amount and can be used for any class we offer. Call us to order yours!

## Soccer\*

*Thundercat Sports staff, Instructors*

In these action-packed sessions, you'll learn the basics of soccer through a series of fun games in a noncompetitive setting. We'll work on shooting, passing, dribbling, and trapping, and enjoy exciting scrimmages. Players will be grouped by age and ability. Please wear shin guards and bring a soccer ball and water bottle. Ages 4-6.

6 sessions \$155

**Saturdays January 20–March 10** 12–1pm  
KW05-W18 **Burr**

**Saturdays April 21–June 2**  
KW05-P18-1 **Mason Rice Field** (10–11am)  
KW05-P18-2 **Mason Rice Field** (12–1pm)

## Soccer Tykes & Tot Jam\*

*See page 3 for details.*

## T-Ball\*

*Thundercat Sports staff, Instructors*

Baseball is "America's favorite pastime." You're never too young to learn to play and T-Ball's a great way to get started. You'll learn individual skills such as batting and catching, and get an introduction to aspects of regular baseball. We'll also play non-traditional games and activities to encourage skills development and create a fun, supportive atmosphere. Ages 3-5.

6 sessions \$155

**Fridays April 27–June 1** 1:30–2:30pm  
KE205-P18-1 **Mason Rice Field**

**Fridays April 27–June 1** 2:30–3:30pm  
KE205-P18-2 **Mason Rice Field**

## Yoga

*See pages 10 & 12 for details.*

## \* Sports weather updates

**For Winter sports, call the Newton Buildings Hotline at 617-559-9020; if school buildings are closed, our classes are cancelled.**

**For Spring sports, call 617-499-4820 to find out if your class is running in questionable weather.**

## February & April Vacation Programs at Newton North

### Art Around the World

*Susan Paquette, Instructor*

Explore a country a day as you make art that represents each country's culture. For example, on our trip to Mexico, we'll create piñatas and paint them; sample some supplied beans, rice, and tacos; listen to Mexican music; and learn some Spanish phrases. While in China, we'll learn Chinese brush painting, draw pandas and dragons, and taste some Asian noodles. Join us on our art journey. Grades K-3.

4 sessions \$225

**Tuesday–Friday April 17–20** 9am–12pm  
KV32-P18

### NEW

### Art Extravaganza

*Angela Jones, Instructor*

Indulge yourself over February break and enjoy an art project a day. You'll create and design your own wearable baseball caps, make Impressionist paintings, design and decorate paper mache creations, and learn to draw cartoon characters. We'll throw in a surprise project or two as well, including some creative face painting. Grades K-3.

4 sessions \$225

**Tuesday–Friday February 20–23** 9am–12pm  
KV34-W18

### Babysitting & CPR Training

*See pages 11 & 12 for details.*

### Chess Intensive

*Ross Eldridge, Instructor*

Use this vacation-week class to build your chess-playing skills. We'll review chess principles, look at positions from real games played by grandmasters, and focus on strategy and positional tactics. You'll learn about notation for reading and writing games too. Each day will include instruction and games; on the last day we'll have an in-class tournament. Keep your mind sharp this break and

join us to play the ultimate game of strategy. No beginners please! Grades 2-5.

3 sessions \$175

**Tuesday–Thursday February 20–22** 9am–12pm  
KV23-W18

**Tuesday–Thursday April 17–19** 9am–12pm  
KV23-P18

### Digital Art & Animation

*Jack Neylan, Instructor*

Get animated and make things move! Start by making a simple drawing in Photoshop, using coloring, layering, and other effects. Then invent a cast of characters, draw/paint a background for them to inhabit, and transition them into a simple digital comic. You'll get a brief history of animation shorts, then create a concept for your own short animation. You'll learn frame animation to complete your film, adding sound too, if time allows. Bring a USB flash drive to class. New and returning students welcome; returning students will work on more advanced projects. Grades 3-6.

*Bring a USB flash drive to class.*

3 sessions \$195

**Tuesday–Thursday February 20–22** 9am–12pm  
KV24-W18

**Tuesday–Thursday April 17–19** 9am–12pm  
KV24-P18

### Engineering & Electricity Workshop

*Wicked Cool for Kids staff, Instructors*

Spend your vacation at the Wicked Cool technology center. Learn about the engineering and design process to build balloon powered cars, hovercrafts, and aerodynamic flyers; create cars that zip down a ramp but keep their passengers safe. We'll also examine the science of how things move, looking at Newton's laws of motion. If you're staying for the afternoons, you'll construct basic circuits, and experiment with insulators and conductors while learning about electricity. Each day we'll build new projects using the SNAP circuit system, integrating switches, bulbs, and other components for an electrifying time. Grades 1-4.

4 sessions \$315/Full-day; 9am–4pm;  
\$205/Half-day; 9am–12pm

**Tuesday–Friday February 20–23**  
KV31-W18

## Science Lab

*Maire Anne Diamond, Instructor*

Sensational Science awaits you in Science Lab! Find out if you can make a rainbow from white light, or a solid by mixing two liquids together; see if you can use invisible forces to move things. Come ready to observe, investigate, and find answers to your science questions. We'll conduct experiments, play games, and do crafts as we explore magnetism, invisible matter, the science of color, and more. Mix up some super solutions and see what bubbles up when you join us at our science lab. Grades K-2.

3 sessions \$175

**Tuesday–Thursday February 20–22** 9am–12pm  
KV28-W18

## Wicked Cool Science Week

*Wicked Cool for Kids staff, Instructors*

Enjoy an eclectic mix of science activities over April break. Enter the anatomy academy, where we'll delve into the human body's fascinating system of cells, tissues and organs. Create models of blood and skin, tour the digestive system, build a working representation of the lungs, and make a creepy cool model of the eye. Become a bona fide brainiac as we discover the inner workings of the human brain. In the afternoons, you'll explore some fascinating science "magic" as we make water disappear, grow glowing cubes, and reveal beasts that expand to 800 times their size. You'll also create shimmering crystals that grow on a sponge, watch colors change before your eyes, and make balloons and toothpicks move using the power of science. Grades 1-4.

4 sessions \$315/Full-day; 9am–4pm;  
\$205/Half-day; 9am–12pm

**Tuesday–Friday April 17–20**  
KV33-P18

All of our vacation programs take place at Newton North High School.

Bring a snack for all half-day programs, and lunch for full-day programs.

# General Info & Policies

## ACCESS

Our classes are open to everyone. Please let us know if you have any special concerns or need special assistance.

## BEHAVIOR POLICY

It is our expectation that students in our classes will follow their teacher's instructions. Students are expected to be respectful of their teachers and peers. Students must use only materials designated for their NCE class and use them appropriately. If your child does not meet these expectations, we will communicate with you to discuss his or her behavior. If after two such communications your child's behavior has not improved, we will ask you to withdraw your child from the class and no refund will be given. If your child exhibits threatening physical behavior towards others in the class, he or she will be withdrawn immediately and no refund will be given.

## CHANGES

NCE reserves the right to cancel classes that are under-enrolled, and to change times, locations, and instructors when necessary.

## EARLY-RELEASE DAYS

Classes meet at their regular times on early-release days.

## GETTING TO CLASS

Kids at each school typically walk themselves to our classes, but younger kids are sometimes escorted by their classroom teachers; please check with your child's school and/or teacher. NCE teachers arrive when school ends (12:30 on Tuesdays, and 3:00 on all other days). On Tuesdays, kids eat lunch between 12:30 and 12:45, and on other days they usually have a snack (you must provide your own lunches and snacks). Kids from all schools are welcome at all our classes. School secretaries are at their desks until 3:30 each day and can buzz in kids arriving from other schools.

## LATE FEES

Please respect our staff and pick up your child on time. There is a \$10 fee for every 10 minutes you're late. At the fourth occurrence, these fees will double.

## LOCATIONS

We post room locations to our website as soon as we have that information.

## PHOTOS

We may occasionally take pictures of students in our classes for our use in promotional materials. Your enrollment in a class indicates your approval for this.

## PICK-UP AFTER CLASS

At the end of class, our teachers will bring all kids to the main entrance of the school to be picked up by parents, guardians, or after-school staff. Kids in grades K-2 must be signed out by an adult; kids in grades 3-5 can dismiss themselves with written permission from a parent or guardian. To give your permission, send an email to [staff@newtoncommunityed.org](mailto:staff@newtoncommunityed.org) stating your child's name, grade, NCE class, and school.

## REFUNDS/WITHDRAWALS

See back cover for details.

## SCHOLARSHIPS

Partial scholarships are available on a limited basis for Newton residents. Call 617-559-6999 for more information.

## SPECIAL CIRCUMSTANCES

Please contact us to discuss any medical conditions, allergies, learning styles, or other special circumstances that could impact your child's experience in our program.

## TRIAL CLASSES

Sorry, we do not offer trial classes.

## WEATHER CANCELLATIONS

If Newton public schools are closed due to inclement weather, our classes are cancelled. Classes cancelled due to weather will be made up at the end of the term; there will be no refunds for weather-related closings.

## WE ARE INCLUSIVE

NCE does not discriminate against any individual on the basis of age, race, religion, gender, disability, sexual orientation, gender identity and expression, veteran status, or any other category protected by federal or state law.

Newton Public Schools  
**Newton Community Education**  
 457 Walnut Street  
 Newton, MA 02460

### WHAT IS NEWTON COMMUNITY EDUCATION?

Newton Community Education is dedicated to your lifelong learning. We offer programs for everyone eager to explore—from toddlers to seniors—from Newton and beyond. We are a self-sustaining arm of the Newton Public Schools. When the school day ends, our classes begin, offering access to school facilities for community learning. We aim to inspire or nurture your passion with quality programs provided at a reasonable cost.

**Newton Community Education**  
 at Newton North High School  
 457 Walnut St  
 Newton, MA 02460  
 Phone: 617-559-6999  
 Fax: 617-559-6998  
 Email: [staff@newtoncommunityed.org](mailto:staff@newtoncommunityed.org)

**Withdrawals/Refunds:** You must withdraw at least one week before your course’s start date to receive a refund minus a \$10 processing fee or a voucher minus a \$5 fee. The \$6 registration fee is non-refundable. We regret that no other refunds or vouchers will be given. NCE may cancel classes that are under-enrolled or substitute teachers if needed.

## NCE KIDS COURSES REGISTRATION FORM

Name \_\_\_\_\_ Birth Date \_\_\_\_\_  
 Address \_\_\_\_\_  
 School \_\_\_\_\_ Grade \_\_\_\_\_  
 Parents' Names \_\_\_\_\_  
 Phone\* (primary #) \_\_\_\_\_ (secondary #) \_\_\_\_\_ Email \_\_\_\_\_

\* We must have two DIFFERENT phone numbers in case of an emergency. Don't have a landline? List the number of a family member or friend!

Course Code #	Course Name	Fee
_____	_____	_____
_____	_____	_____
_____	_____	_____

**1. Pay by Check:** Please make your check payable to **Newton Community Education** and mail with this registration form to Newton Community Education, 457 Walnut Street, Newton, MA 02460

Donation to Scholarship Fund  
 Registration Fee (once per person, per term)

**\$6.00**

**TOTAL**

**2. Pay by Charge:** at [www.newtoncommunityed.org](http://www.newtoncommunityed.org), by phone (617) 559-6999, or by mail.

Charge:  MasterCard  Visa  Discover  AmEx

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Security Code \_\_\_\_\_

Cardholder Signature \_\_\_\_\_