

ONLINE

ncc kids

newton community education

WINTER 2021



from the executive director:

I hope this letter finds you and your loved ones safe and well. 2020 has been a year full of uncertainty and surprises, and we aren't done yet. We at NCE want to be a respite—a place to find community, to dive into your favorite subject or activity, to learn new skills.

Like most of you, NCE is learning to be nimble in ways we never imagined. Thanks to your dedication we've been able to carry on. While enrollment is down by approximately half since the pandemic began and in-person classes limited, we are working to find creative solutions for meeting the needs of our community. We're counting on you to stick with us and to keep letting us know how we can improve.

In serving the needs of the community, we must also consider the operational needs of NCE. Along with the wonderful new catalog offerings, you'll notice that we raised our registration fee to \$9 and suspended the 15% discount for seniors and veterans. We do realize that many of you are struggling as well, so NCE's commitment to scholarships remains steady, please apply should you need help. We will continue giving scholarships as funding allows. If you have the resources, please consider donating to the NCE scholarship fund to help us meet the needs of all who apply.

I would like to hear how you are doing and how we at NCE can help. Please email me directly with your feedback, questions or concerns.

Be well,
Cate

kids classes

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cover artist: Tai Lee

10th Grade, Newton North High School
A self-portrait in isolation.

our mission

Newton Community Education is a self-sustaining arm of the Newton Public Schools. We are dedicated to your lifelong learning. We offer programs for everyone eager to explore—from toddlers to seniors—from Newton and beyond. We aim to inspire or nurture your passion with quality programs provided at a reasonable cost.

contact us:

staff@newtoncommunityed.org
617-559-6999
Monday–Friday 8:30am–5pm

Newton North High School
457 Walnut Street
Newtonville, MA 02460

Kids



Things you need to know:

- All classes are running online except where noted otherwise.
- Our classes are listed by category. But sometimes a class is too unique for a category. Please read them all!
- There are no classes on Newton Public Schools vacations or holidays. We will hold classes on snowdays this winter.
- **Be on time for your online class.** It's very difficult for instructors to both monitor the waiting room and teach the class.
- **Check your email.** Meeting links and other important class information will be sent by email before the start of class. Check your registration receipt as well as your Spam and Promotions folders if you believe you have not gotten this information.
- Please test your meeting platform in advance. We will not be offering refunds for last-minute technical difficulties or late arrivals. See tips under Quick Links on our website for help with this.
- Some Kids classes may require supplies you'll need to purchase or pick up before class. Check your class listing and emails from us for details, and sign up early for those classes.
- Make your planning easier. See our Winter at a Glance chart on pages 18-19 for an easy-to-navigate listing of all our Kids winter classes.
- We hope to add new classes throughout the winter. Check our website and look for emails from us for updates.

Science

NEW

DIY Science Toys & Discoveries

Wicked Cool for Kids staff, Instructors

Make your own toys and gadgets and learn the science behind them. We're pairing two wicked cool classes, combining creative engineering and sensory science. You'll learn about energy and motion as you make a mini-catapult, build a moving magnet car, create a custom marble maze, and design a house for an action figure. You'll also explore sensory science by classifying creepy crawlies, neutralizing smelly smells, making model mucus and alien slime, and creating a celestial swirling bottle. These experiments are not for the easily queasy! Join us for hands-on fun and discovery. **Grades K-2.**

We'll provide a safe pickup location for the class materials; the fee is included in the tuition.

12 sessions \$295

Mondays January 25–April 26 3:30–4:30pm
KE386-W21-M

Wednesdays January 27–April 28 3:30–4:30pm
KE386-W21-W

Thinking about summer?

Normally, we'd be busy planning our Kids summer program and getting ready for Camp Fair. Due to the continuing uncertainty around the pandemic, we will not begin summer planning until later this winter. Check our website or sign up for our email newsletter to receive regular updates.

NEW

**Super Science:
Radical Reactions**

Super Science staff, Instructors

Break out the beakers and flasks! It's time for slime, combustion, and exothermic reactions. Make your own indicator, test energy-releasing reactions in a water bottle, and study the rates of chemical changes for clues to identifying reactions. Learn about laboratory safety and standards as you build batteries, vaporize solids, and create colorful art. This class will include a combination of virtual games, at-home projects, and science demos by our super scientist instructor. **Grades K-2.**

We'll provide a safe pickup location for the class materials; the fee is included in the tuition.

8 sessions \$195

Tuesdays January 26–March 23 3:30–4:15pm
KE395-W21-Tu

Thursdays January 28–March 25 3:30–4:15pm
KE395-W21-Th

Fridays January 29–March 26 3:30–4:15pm
KE395-W21-F

Tiny Worlds

Rachel Kaufmann, Instructor

Your backyard is full of drama: dragonflies hunt mosquitoes, ants work together to gather food, and slugs eat the vegetables in your garden. Dive into these tiny worlds through close observations and projects. Create your own “pooter” (a device for catching insects), construct a fairy or creature home, and build an insect amusement park. We'll consult online resources to learn about the different creatures that inhabit tiny worlds, see some close-up footage of them at work, and also share our findings from our individual outside explorations. **Grades 1-3.**

You'll receive a list of materials to gather from home. We'll provide a safe pickup location for additional materials; a \$20 fee is payable at pickup.

8 sessions \$195

Wednesdays January 27–March 24 2–3pm
KE369-W21

Visual Arts & Crafts

NEW

Attention Muggles!

Susan Paquette, Instructor

Apparate to NCE. Join other wannabe witches and wizards for the schoolyear version of this popular summer program, with all-new activities. We'll explore the world of Harry Potter through a variety of magic-themed art projects. You'll build a paper mâché Hedwig, create a golden snitch with metallic paint and feathers, design the Monster Book of Monsters with faux fur and fangs, and paint and embellish wand crafts. You'll also learn to draw Scabbers, Crookshanks, and Hedwig; make a whomping willow with wire and clay; and construct an Aragog spider—eww! Non-magicians welcome. **Grades 1-5.**

We'll provide a safe pickup location for the class materials; a \$20 fee is payable to the instructor at pickup.

8 sessions \$195

Fridays January 29–March 26 3:30–4:30pm
KE381-W21

NEW

Clay Creations

Sharon Siriwardena, Instructor

Roll up your sleeves and create with clay. Using hand-modeling and pinch pot techniques, you'll make a variety of sculptural and functional pieces to enjoy for years to come. Each week you'll learn a new technique and work on a different project. Projects will include textured turtles, long-legged animals, bobbleheads, self-portraits, and Salvador Dali-style garden gnomes. For that finishing touch, you'll paint select pieces with acrylics. **Grades 3-8.**

See our website for the materials list.

10 sessions \$235

Tuesdays January 26–April 6 3:30–4:30pm
KE400-W21

Comics

Jack Neylan, Instructor

Join us and learn every step to making comics: you'll design your characters, create a simple three-panel strip, ink and color a page, and finally, make a dynamic multi-page comic in the genre of your choice. We'll look at a wide range of comics—from early 19th century newspaper strips to Japanese Manga to modern-day digital web comics. You'll learn a variety of drawing styles, gain an understanding of story structure, and leave class with several copies of your original comics and a new appreciation for this art form.

Grades 4-8.

Bring the following to each class: paper, a pencil, colored pencils, a pen, and Sharpies or markers.

12 sessions \$275

Wednesdays January 27–April 28 3:30–4:30pm
KM75-W21

Crafty Collage & Mosaic

Michel L'Huillier, Instructor

Apply your ingenuity to make elaborate mosaic and collage artwork. Using specialty papers and interesting accessories, you'll decorate a variety of projects, including a picture frame and a mirror on a canvas panel backing. You'll also construct 3-D collages with newspaper, string, cardboard, and supplied materials. As we work on our projects we'll explore the development of collage as an art form, and get to know artists who made art from paper, such as Matisse and Picasso. Our instructor taught our popular in-person *Glass Class* and has adapted those activities for safe materials you can work with independently at home. You'll leave class with several unique works of art to proudly display. **Grades 2-5.**

We'll provide a safe pickup location for the class materials; a \$65 fee is payable to the instructor at the time of pickup or by Venmo.

10 sessions \$275

Wednesdays January 27–April 7 2–3:15pm
KE363-W21

Decor by Me

Nicole Donson, Instructor

Create cool keepsake crafts from the comfort of your home. Explore the art of mosaics and decorate wooden planks and picture frames; create a funky mirror made from hand-painted clothespins; and decoupage a keepsake box using decorative papers, colored tissue, fabric, glue-on jewels, and colorful beads. You'll also decorate and build desk accessories from cardboard and recycled materials; paint a bulletin board to hang on your wall; and make a hardbound journal using classic bookbinding techniques and then decorate its cover with fabric or fancy papers, stickers, ribbons, or glue-on jewels. **Grades 3-8.**

We'll provide a safe pickup location for the class materials; a \$75 fee is payable to the instructor at pickup.

7 sessions \$245

Fridays January 29–March 19 3:30–5pm
KE365-W21

Drawing Club

Jack Neylan, Instructor

If you love to draw, get ready to 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 and 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.

12 sessions \$275

Mondays January 25–April 26 3:30–4:30pm
KE149-W21-M

Fridays January 29–May 7 3:30–4:30pm
KE149-W21-F



NEW

Fine Art Drawing

Eddie Bruckner, Instructor

Become a better artist. Master the fundamentals of drawing through step-by-step guidance from our expert instructor. We'll focus on different drawing concepts in each class to help you see the world in new ways and develop your unique artistic style. Working with artist-quality materials including graphite, charcoal, chalk, and pastels, you'll learn the elements of contour, texture, and proportion; explore the principles of light and shade; and discover how line helps to suggest form. We'll work on a variety of projects in class, including imaginative and observational drawings, landscapes, seascapes, still lifes, and more. All levels welcome. **Grades 3-8.**

See our website for a materials list.

8 sessions \$285

Wednesdays January 27–March 24 3–4:30pm
KE385-W21

Wednesdays March 31–May 26 3–4:30pm
KE385-P21

Knitting

Deanna Mustachio, Instructor

Learn an ageless craft to complement your at-home online time. You can say "I made it myself!" when friends admire your stylish scarf, and you'll never be bored again—you can take your yarn and needles anywhere. We'll work on basics such as knit and purl stitches, and how to cast on, bind off, increase, decrease, make stripes, and read a simple knitting pattern. Once you've mastered the basics you can really have fun. We'll email you a variety of patterns to choose from, including some more challenging ones like monsters and flowers, which use double-pointed needles for a really cool result. All levels welcome. **Grades 3-9.**

Bring to class: a set of size 8 single-pointed knitting needles no longer than 10 inches, one small ball of cotton yarn (ex. Sugar n' Cream), one skein of medium weight yarn (ex. Red Heart Super Saver), a plastic yarn needle, and a pair of scissors.

10 sessions \$285

Thursdays January 28–April 8 3:30–4:45pm
KE384-W21

NEW

Mixed Media

Sharon Siriwardena, Instructor

From foil to shaving cream, clay to acrylic skins, join us to make mixed media art with unusual as well as tried-and-true materials. We'll use flat and raised stencils to create eye-catching patterns, layer different materials to make interesting textures, combine acrylics with watercolor pencils and crayons for glistening color, and apply sgraffito techniques to etch extraordinary designs. Harness the unique properties of these special materials as you learn a host of mixed media techniques from our versatile and talented instructor. **Grades 1-3.**

See our website for the materials list.

10 sessions \$235

Fridays January 29–April 16 3:30–4:30pm
KE401-W21

Modern Art Adventure

Nicole Donson, Instructor

Get inspired by famous artists like Picasso, Monet, Van Gogh, and more. Make whimsical and abstract paintings like Miro and Kandinsky and spatter paint like Jackson Pollock. Create kinetic wire sculptures and mobiles like Calder, and paper collages like Matisse. Use watercolor paints to create art in the style of Monet's water lily paintings and make dot paintings like Georges Seurat. You'll learn a bit of art history as we focus on one artist per week, see images of their work, and create art inspired by each artist's style.

Grades 1-5.

We'll provide a safe pickup location for the class materials; a \$35 fee is payable to the instructor at pickup.

10 sessions \$235

Tuesdays January 26–April 6 3:30–4:30pm

KE293-W21

NEW

Paper Quilling

Danielle Larosee, Instructor

Twirl and whirl paper into whimsical shapes and designs. Quilling is an ancient Chinese art form; you use tiny strips of paper to create unique ornaments, icons, or elaborate pieces of art. Starting with paper you've cut into shapes for projects you'd like to make, you'll do a bit of geometry as you work out the composition of your projects to achieve your desired effect. And then you'll twirl. Projects will include snowflake ornaments, Valentine's Day cards, creepy bugs, and more. Take your 2-D art to the 3rd dimension and join us for this crazy fun class. **Grades 5-8.**

See our website for the materials you'll need for this class.

10 sessions \$235

Tuesdays January 26–April 6 3:30–4:30pm

KM94-W21



Photo Projects

Danielle Larosee, Instructor

Take photos and make them great. At each class you'll choose a theme for your photographs—anything from portraits to nature to still lifes; then you'll transform your photos into expressive pieces of art with the magic of Apple's Photos program. You'll use Photos' editing tools to enhance your pictures, and you'll turn them into thematic slideshows to share with family and friends. You'll finish the class with digital files of your work.

Grades 3-8.

You'll need a Mac computer or iPad for this class, as well as a digital camera, a memory card, and a card reader.

10 sessions \$235

Wednesdays January 27–April 7 3:30–4:30pm

KE402-W21

Picture Book Artists

Nicole Donson, Instructor

Calling all Eric Carle fans! Join us to create artwork inspired by your favorite children's books. We'll investigate the artistic approaches in books like *Where the Wild Things Are*, *Rainbow Fish*, *Leaf Man*, *Harold and the Purple Crayon*, *The Very Hungry Caterpillar*, and more. We'll paint textures on paper and make collages as Eric Carle did, paint on paper leaves and apply a watercolor resist technique to make a leaf man, and use colored tissue paper to decorate rainbow fish and Elmer the elephant. We'll create monsters like the wild things and collages with dots and drawings using a purple crayon. Each week we'll explore a new book and enjoy art projects inspired by that book. **Grades K-2.**

We'll provide a safe pickup location for the class materials; a \$35 fee is payable to the instructor at pickup.

10 sessions \$235

Mondays January 25–April 5 3:30–4:30pm

KE358-W21-M



Remembering Chip Piatti: 1946-2020

On Thursday October 8th we lost Chip Piatti, a great friend and family member to NCE. Chip taught a variety of NCE classes for kids and adults, but he was best known as the Director of our beloved Camp Innovations.

Former campers, students, and co-workers gathered to share memories and stories over Zoom and many others emailed us their fond remembrances. Chip made a lasting impression on everyone he met.

We have established a scholarship fund in Chip's honor. The proceeds will be used to help students with financial need attend our programs. Visit newtoncommunityed.org/chip to make a donation.

Pottery at Home

Lisa Walker, Instructor

Dig into the past from the comfort of your computer. Using air-dry clay, paper, and other materials, we'll create two- and three-dimensional mixed-media artworks. You'll learn how civilizations through the ages and around the world have used pottery: we'll enter the Ming Dynasty and design vases using mixed media, get fired up building Chinese dragon sculptures, and explore Native American culture as we make pinch pots with air-dry clay. You'll also learn about African mask-making with collage. Join us for a window into the worlds that came before ours and make your mark in ceramic art history. **Grades 1-5.**

See our website for the materials list. New and returning students welcome; returning students will work on new projects.

10 sessions \$235

Wednesdays January 27–April 7 3:30–4:30pm
KE357-W21-W

Thursdays January 28–April 8 3:30–4:30pm
KE357-W21-Th

NEW

Story Theatre

See page 8 for details.

Zentangle

Lauren Comando, Instructor

Start simple, and create amazing, seemingly complex drawings. If you can draw the letters *i*, *c*, *s*, and *o*, you can design cool Zentangles. Zentangle is a structured drawing method with infinite possibilities. We'll start with a series of steps including setting up, tangling/drawing, shading, and making your drawing pop. Then your unique black and white artwork will develop quickly, to be celebrated by your fellow artists. By the end of class you'll have a collection of Zentangle drawings that look like they were years in the making. **Grades 3-8.**

We'll provide a safe pickup location for class materials; \$10 is payable to the instructor at pickup.

10 sessions \$235

Tuesdays January 26–April 6 3:30–4:30pm
KE356-W21

NCE Outdoors

To participate in these classes, you will need to read and sign the NCE Kids COVID Safety Sign-off form. Parents/guardians must personally hand deliver the form to the instructor at every class session. Kids who do not meet the criteria on this form or arrive without it will be unable to participate in that day's class.

NEW

Ecology in the City

Nathan Phillips, Instructor

See your city in a new way. Discover the relationships among plants, people, and the built environment right here in Newton. Starting from Cold Spring Park we'll venture out in all directions—to Crystal Lake, the Newton Cemetery, Bullough's Pond, and the Charles River—learning enlightening ecological secrets along the way. Our classroom is our city, a living laboratory for exploring interconnected roads, pipes, waterways, and greenways. Trace where our water, energy, and food come from; find out how our waste moves between origin and destination, and learn to detect clues about healthy and unhealthy ecosystem conditions using your senses and handheld air quality meters. We'll pause in quiet places to consider how our city's ecology connects to our largest shared ecosystem, Planet Earth. **Grades 6-8.**

Bring a pencil and a waterproof notebook and dress for the weather.

6 sessions \$225

Wednesdays January 27–March 10 3–4:30pm
KM95-W21 **Cold Spring Park**



NEW

Outdoor Adventure

Hale Reservation staff, Shirley Sutton Instructor

Escape the confines of COVID and explore the outdoors with us this winter. We'll construct an overnight shelter, learn fire-building and safety, and look for animal tracks and signs. We'll also sample Pine Tree tea, discover what "bugs" us, and hear our echoes under Echo Bridge. Nature is not just for summer—join us to enjoy its wondrous winter offerings. Dress for the weather, including boots if it's messy out, since we'll meet in the cold and snow. We will follow all state mandates for safety and all participants will be required to wear masks. **Grades 1-3 & 3-5.**

We'll meet at Hemlock Gorge Reservation at the parking lot on Ellis St. at Boylston St./Route 9.

5 sessions \$175

Wednesdays March 3–31 2:30–3:30pm
KE403-W21-W-1-3 **Hemlock Gorge** (Gr 1-3)

Fridays March 5–April 9 3:30–4:30pm
KE403-W21-F-3-5 **Hemlock Gorge** (Gr 3-5)

Dramatic Arts

Actors Studio

Gabrielle Siani, Instructor

Break a leg! Aspiring actors: whether your goal is to be a star someday or you just like to perform, join us and get ready to shine. We'll learn basic acting concepts, play improvisational theatre games, perform scenes from plays and books, and prepare you to make a lasting impression on your audience. So whether you're trying out for a show or just want to express yourself, this class is for you. The last class will include a performance for family and friends. **Grades 1-4.**

10 sessions \$235

Fridays January 29–April 16 3:30–4:30pm
KE313-W21-F

NEW

Broadway from Home

Broadway from Home, Instructor

Belt it out with Broadway stars. If you aspire to be on stage in the future, join us to learn from the experts

now. Through a combination of individual instruction and group lessons, you'll work on a song of your choice and scenes from popular Broadway shows. Each class will include vocal and physical warm-ups, coaching sessions solo or with your scene partners, and practice performances for the group. Our instructors are Broadway performers, some of whom got their start right here in Newton. This is a unique opportunity to build your skills and get an insider's view of the world of professional theatre. Our final class will include a livestreamed cabaret-style performance for family and friends. All levels welcome. **Grades 5-8.**

6 sessions \$275

Wednesdays January 27–March 10 3:30–5pm
KM93-W21



Improv

Michelle Fineblum & Gabrielle Siani, Instructors

Make something up. Improv is for everyone—whether you're someone who always has a funny line ready or you're more on the quiet side, join us to create some seriously funny or just plain serious characters in this online class. Our time will be filled with games and laughter as you gain the tools and confidence you need to develop characters, scenes, and stories, all by working together on the spot. So take some risks and expect the unexpected in this fun and funny class. All levels welcome, including new and returning students. **Grades 2-4.**

10 sessions \$235

Tuesdays January 26–April 6 3:30–4:30pm
KE374-W21-Tu-2-4 (Fineblum)

Wednesdays January 27–April 7 3:30–4:30pm
KE374-W21-W-3-5 (Fineblum)

Wednesdays January 27–April 7 3–4pm
KE374-W21-W-6-8 (Siani)

Thursdays January 28–April 8 3:30–4:30pm
KE374-W21-Th-1-3 (Fineblum)

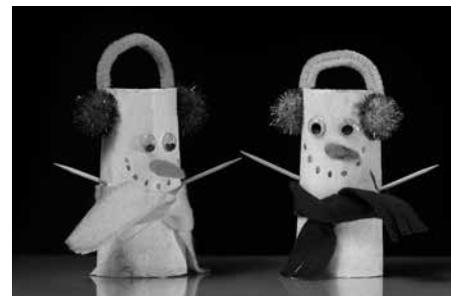
Podcast Pros

Gabrielle Siani, Instructor

If you have an opinion on something, you can make a podcast. Bring your passion, curiosity, or burning interest and join us to explore the art of podcasting. Through a range of activities including improv games, dramatic interpretation, and storytelling, you'll turn that passion into an informational and inviting show. Come see how your favorite celebrities are pulling thousands of viewers to their blogs, news shows, and podcasts, and learn to do the same. **Grades 5-8.**

10 sessions \$235

Mondays January 25–April 5 3:30–4:30pm
KM74-W21



NEW

Story Theatre

Carol Yourman, Instructor

Tell your tale with puppets. Create a cast of entirely original characters and a plotline that connects them. Our instructor will adapt your stories for a puppet play that you and your puppets will rehearse and star in. You'll design and construct the puppets and costumes, and add sound effects and background visuals to enhance the production. Highlights from previous story theatre shows include mean teachers who turn students into squids, kids who rescue the rainforest from alien beings, and Halloween heroes who save the town's children from cannibal zombies. The last class will include an online performance for family and friends. **Grades 2-5.**

We'll provide a safe pickup location for the class materials. The materials list and fees will be finalized after you've created your characters.

8 sessions \$195

Mondays January 25–March 22 3:30–4:30pm
KE387-W21-M

Thursdays January 28–March 25 3:30–4:30pm
KE387-W21-Th

Chess

Beginning Chess

Santiago Ruiz Castro, Instructor

Be part of the COVID chess craze. If you're yearning to play but haven't yet learned the basics of the game, now's your chance. Join us to start your chess journey. You'll learn the rules of the game as well as how the pieces move, how to properly set up your board, and more. By the end of this class you'll have the skills you need to take on your more experienced opponents. **Grades 1-5.**

12 sessions \$285

Tuesdays January 26–April 27 3:30–4:30pm
KE405-W21-Tu

Fridays January 29–May 7 3:30–4:30pm
KE405-W21-F

NEW

Continuing Chess

Santiago Ruiz Castro, Instructor

This class is for kids who took our beginner class this fall or are beyond beginner level and want to continue to grow their skills and compete against other players. **Grades K-5.**

12 sessions \$285

Wednesdays January 27–April 28 3:30–4:30pm
KE382-W21-W

Thursdays January 28–April 29 3:30–4:30pm
KE382-W21-Th

Intermediate Chess

Ross Eldridge, Santiago Ruiz Castro, & Nicholas Sterling, Instructors

Learn the basics or expand your knowledge of this remarkable game of strategy. Chess originated in India over 1500 years ago and has been growing in popularity ever since, especially here in Newton. Learn the principles of the game, positional tactics, and basic to advanced moves according to your level of ability. As you match up with various classmates to play games coached by our expert instructor, you'll gain the confidence to play against any opponent. You'll finish class with new appreciation for one of the best games ever invented. **Grades 1-5.**

This is a mixed-level class for students with some experience with chess, including knowledge of how each piece moves.

12 sessions \$285

Mondays January 25–April 26 3:30–4:30pm
KE406-W21-M-SRC (Ruiz Castro)

Tuesdays January 26–April 27 3:30–4:30pm
KE406-W21-Tu-RE (Eldridge)
KE406-W21-Tu-NS (Sterling)

Wednesdays January 27–April 28 3:30–4:30pm
KE406-W21-W-RE (Eldridge)

Thursdays January 28–April 29 3:30–4:30pm
KE406-W21-Th-RE (Eldridge)

Fridays January 29–May 7 3:30–4:30pm
KE406-W21-F-RE (Eldridge)
KE406-W21-F-NS (Sterling)

Chess for Middle Schoolers

Nicholas Sterling, Instructor

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 weekly games supervised by an experienced chess pro. Novice players are welcome too if they have a basic understanding of chess. **Grades 6-8.**

12 sessions \$285

Tuesdays January 26–April 27 4:45–5:45pm
KM09-W21-Tu

Advanced Chess

Ross Eldridge & 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. **Grades 1-8.**

12 sessions \$285

Mondays January 25–April 26 3:30–4:30pm
KE103-W21-RE (Eldridge)

Thursdays January 28–April 29 4:45–5:45pm
KE103-W21-Th-NS (Sterling)

Cooking

NEW

Cook with the Pros

Newton's finest local restaurant chefs, Instructors

Join some of Newton's best chefs to create culinary delights at home. You'll zoom into three local restaurant kitchens and work alongside the pros to cook up some of their favorites. Each week you'll work with a different chef to learn skills and add to your recipe repertoire. The chef will guide you with step-by-step preparation instructions and you'll get tips, tricks, and an insider's look at a professional kitchen. Participating chefs include Kate and Trevor Smith from Thistle & Leek; Dave Punch from Sycamore, Little Big Diner, and Buttonwood; and Rob Wong from Bianca. Recipes will include a trifle, meatballs, sushi, Sicilian Chickpea & Tuna Salad, Thai Fresh Rolls, and more. **Grades 5-8.**

Each chef will provide a prepacked ingredient kit for you to pick up before class; the cost is included in the tuition. Please contact us at staff@newtoncommunityed.org if you have any allergy concerns.

6 sessions \$225

Mondays January 25–March 8 3:30–4:30pm
KM91-W21

branca
sycamore.



NEW

Cupcake Creations

Sharon Siriwardena, Instructor

It's time for something sweet! Apply your artistic talent to cake and cupcake decorating. Learn to bake perfect little cupcakes, master buttercream frosting, and work with fondant to build incredible shapes and characters. You'll start by baking simple cupcakes and learning basic frosting techniques, and then move on to more complicated shapes and designs. Our star sugar artist instructor will share modeling techniques as you create your own confectionary masterpieces for any special occasion, including just staying at home during COVID. **Grades K-3 & 4-7.**



See our website for the materials list.

8 sessions \$205

Wednesdays January 27–March 24 2–3pm

KE388-W21-W-K-3 (K-3)

Adult participation is required throughout this class.

Thursdays January 28–March 25 3:30–4:30pm

KE388-W21-Th-4-7 (4-7)

Adult assistance may be needed for the first few sessions.

Make your planning easier. See our Winter at a Glance chart on pages 18-19 for an easy-to-navigate listing of all our Kids winter classes.

Technology

3-D Printing, Coding, & Design

BlocksCAD Inc staff, Instructors

Learn the foundations of coding, along with basic computer-aided design (CAD) principles, in order to take digital files and transform them into real, everyday objects. You'll learn introductory concepts including loops, variables, and modules, and make unique, personalized, three-dimensional designs, such as a tablet or iPhone accessory, a science fiction character, or a vehicle.

You'll each create two printable designs that demonstrate the concepts you've learned; our instructor will print these projects outside of class and provide instructions at the end of class for safe pickup or shipping. All levels welcome; returning students will work on new challenges. **Grades 3-5.**

10 sessions \$245

Fridays January 29–April 16 3:30–4:30pm

KM82-W21

App Inventors

Circuit Lab staff, Instructors

Explore the inner workings of mobile electronic devices in this hands-on class and make fun, creative apps for Android phones and tablets. Using MIT App Inventor software, we'll program Android apps to respond to user inputs, read data from the environment, and design interactive games. You'll learn fundamentals of programming and app design while building your projects, and you'll have guidance from our expert instructors along the way. There's plenty of room for your own ingenuity here, and the concepts you'll learn apply to Apple products as well.

Grades 5-8.

You'll need a computer for video conferencing and writing code, as well as an Android phone or tablet for testing your apps. A \$60 rental fee will be payable to the instructor at pickup; this will be refunded to you upon completion of class if you return your tablet at a designated location and time.

8 sessions \$275

Thursdays January 28–March 25 3:30–5pm

KM81-W21

Circuitry 101

Circuit Lab staff, Instructors

Light up the world! Learn all about circuitry and create your own electronics. You'll explore the inner workings of electrical components—like wires, lights, switches, and motors, and design custom light-up greeting cards, electric games, mazes, and more. We'll get into advanced engineering concepts too, like how using different voltages can change the speed of a motor. Each class will include a circuitry lesson and a hands-on project.

Grades 1-3.

We'll provide a safe pickup location for the class materials; the fee is included in the tuition.

8 sessions \$275

Wednesdays January 27–March 24 3:30–4:45pm

KE367-W21-W

Fridays January 29–March 26 3:30–4:45pm

KE367-W21-F

NEW

Coding with Tynker

Wicked Cool for Kids staff, Instructors

Tinker with Tynker to write programs applying art, music, and math. Collaborate with friends to plan and build amazing projects using visual programming. You'll animate dragons, create your own Whack-a-Mole game, and code sounds and music to make a band with beatboxing gnomes. You'll learn about conditional programming as you build an alien adventure game, integrate directions to make a race car move, and launch projectiles. To finish off, you'll win big and create a multi-level, multi-player game. If you love Scratch, Minecraft, and other visual programming and games, join us to go the next step with Tynker. All levels welcome, including returning Tynker students. **Grades 2-5.**

You'll need a modern desktop computer, laptop computer, Chromebook, or Netbook with internet access, and a Chrome (29+), Firefox (30+), Safari (7+), or Edge (20+) browser.

12 sessions \$295

Mondays January 25–April 26 3:30–4:30pm

KE392-W21-M

Thursdays January 28–April 29 3:30–4:30pm

KE392-W21-Th

Hands-on Electronics

Circuit Lab staff, Instructors

Tinker with electronics while learning the basics of computer programming. We'll begin by exploring the fundamentals of electronics and circuit building, then move on to design your own interactive and programmable devices. You'll use Arduino microcontroller boards to learn about computers and coding, and you'll experiment with LEDs, resistors, motors, and sensors to create interactive flashlights, digital musical instruments, and more. Each day you'll design a hands-on project under the guidance of your skilled Circuit Lab instructor. **Grades 4-6.**

You will need a PC or Mac for this class; other devices (Chromebooks, iPads, etc.) cannot run the required software. We'll provide a safe pickup location for the class materials. A \$70 fee is payable to the instructor at pickup; this will be refunded to you upon completion of class if you return your provided kit at a designated location and time.

8 sessions \$275

Tuesdays January 26–March 23 3:30–5pm
KE390-W21

Intro to Programming: Scratch

Circuit Lab staff, Instructors

Get with the program and learn Scratch, a popular, free programming tool created at MIT. Learn the fundamentals of writing code through fun yet challenging tasks, and apply your creativity through inventive game designs. You'll create thematic animations, interactive stories, and short video games while mastering different skills and concepts daily. You'll finish the class with the tools you need to continue making Scratch projects on your own, and knowledge that will apply to your future programming endeavors. This is a beginner class; no experience necessary. **Grades 3-6.**

8 sessions \$275

Mondays January 25–March 22 3:30–5pm
KE324-W21

NEW

Intro to Python

Coding with Kids staff, Instructors

Learn to program with Python, one of the most widely-used programming languages in the world. Python is a versatile and easy-to-learn starter language that's popular with software developers, scientists, and data analysts working in all fields from medical research to space science at NASA. In this class you'll learn and practice core coding concepts such as data structures and algorithms, and learn Python-specific concepts and syntax as well. Your projects will range from trivia quizzes to competitive two-player games. **Grades 6-9.**

10 sessions \$245

Wednesdays January 27–April 7 3:30–4:30pm
KE370-W21

NEW

Intro to Robotics

Coding with Kids staff, Instructors

Can your computer take your temperature? Join us to learn the essentials of robotics programming with micro:bit and see how the software you write can tell a hardware device what to do. You'll write code on your computer, then plug in your micro:bit and turn it into different types of electronic devices, such as a compass, decibel reader, or thermometer to measure your temp. Then you'll learn how to enable wireless communication between your devices, as is done in the Internet of Things. Hey Alexa: sign me up for this class! **Grades 3-6.**

You'll need a micro:bit to participate in this class. Check our website for instructions on how to purchase one. Please check delivery times before completing your registration.

10 sessions \$245

Mondays January 25–April 5 3:30–4:30pm
KE389-W21-M

Thursdays January 28–April 8 3:30–4:30pm
KE389-W21-Th

Math Meets 3-D Printing

BlocksCAD Inc staff, Instructors

Explore new math concepts through our 3-D printing platform. You'll investigate and manipulate shapes in a three-dimensional environment as you learn practical applications for rigorous mathematical concepts such as volume, fractions, coordinates, and transformations. You'll each create one printable design that demonstrates the concepts you've learned; our instructor will print your projects outside of class and deliver them to a safe pickup location in Newton that we will reveal later. All levels welcome; we'll tailor our instruction for each student's ability and/or experience with 3-D printing concepts. **Grades 3-5 & 6-8.**

10 sessions \$245

Mondays January 25–April 5 3:30–4:30pm
KE354-W21-M-6-8 (Gr 6-8)

Tuesdays January 26–April 6 3:30–4:30pm
KE354-W21-Tu-3-5 (Gr 3-5)

NEW

Minecraft Modding

Coding with Kids staff, Instructors

Attention Minecrafters: build your own mods and make your favorite game even better. In this class you'll apply your creativity and problem solving skills as you build your computer programming prowess. You'll customize the game with original world maps and features on your own Minecraft server. Using a simple drag-and-drop coding environment, you'll code mods to create all-new items, environments, non-playable characters, game modes, and more. Enjoy the game like never before with your new and unique Minecraft features. You should have some basic coding experience to take this class. **Grades 6-9.**

You must have Minecraft Java Edition to participate in this class. Other versions of Minecraft (iPad, Xbox, Windows 10, etc.) will not support the modding for this class. See our website for purchase instructions. The tuition includes a \$20 fee for a Code Kingdoms license that we will purchase for you. Code Kingdoms is the platform we'll use for doing the modding; instructions will be emailed.

10 sessions \$265

Fridays January 29–April 16 3:30–4:30pm
KM89-W21

Photo Projects

See page 6 for details.

NEW

Python Multiplayer Games

Coding with Kids staff, Instructors

Python pros, take your coding to the next level. Learn the basics of multiplayer game design and code your own two-player games. You'll learn concepts such as nested conditionals, vectors, projectiles, event handlers, and how to code multiple controllers for different characters. Projects may include Wizard Battle, Snowball Chucker, Air Hockey, and more. At the end of class you can enjoy playing your game on your computer against your favorite opponent.

Grades 3-6.

This class is for kids who have some experience coding with Python.

10 sessions \$245

Mondays January 25–April 5 3:30–4:30pm

KE398-W21-M

Wednesdays January 27–April 7 3:30–4:30pm

KE398-W21-W

Roblox

iCode of Wellesley staff, Instructors

Create a game and share it with millions of kids around the country—what a great way to stay connected in the time of COVID! Learn game design and block coding in Roblox, a wildly popular online platform that hosts user-created games in many genres, including racing games, role-playing games, simulations, and obstacle courses. You'll design, develop, and test popular themes, and build video games filled with characters, object interactions, and physics. Whether it's building a spaceship and racing it to Mars or creating a more down-to-earth game, Roblox is a great way to apply your creativity and new coding expertise. **Grades 3-5.**

You must have a Mac or a PC for this class; mobile devices are not compatible. You'll also need a Roblox account ; see our website for a link to get one.

10 sessions \$275

Thursdays January 28–April 8 3:30–4:30pm

KE376-W21

NEW

Advanced Roblox

iCode of Wellesley staff, Instructors

Stay connected with Roblox. Learn to use advanced features in Lua, a fast and powerful language for embedded code. You'll code and create new objects and characters in your Roblox world and give them power-ups (special abilities that can make them super fast, invisible, or able to fly). You'll define game mechanics, establish the rules by which your game world will be governed, and create a leaderboard to display player stats. You'll also learn the concepts of complex interactions and monetization. Join us to grow your Roblox and coding skills. **Grades 3-5 & 6-8.**

This class is for kids who have some experience with Roblox.

10 sessions \$275

Tuesdays January 26–April 6 3:30–4:30pm

KE399-W21-Tu-3-5 (Gr 3-5)

Wednesdays January 27–April 7 3:30–4:30pm

KE399-W21-W-6-8 (Gr 6-8)

NEW

Web Development

Coding with Kids staff, Instructors

Apply your creative and technical talents and build your own website and online game. You'll learn to create engaging web pages that include pictures, sound, and video. We'll explore HTML, CSS, and JavaScript, the technologies that are "under the hood" of all websites, and we'll work on ways you can organize layouts, colors, and content to make your pages pop. At the end of this class you can share your projects with family and friends and continue programming at home.

Grades 6-9.

This class is for kids who have some prior coding experience.

10 sessions \$245

Tuesdays January 26–April 6 3:30–4:30pm

KM90-W21

Write Your Own Adventure Game

See page 15 for details.

Languages

Chinese Club

Greer Swiston, Instructor

Ni hao! Welcome to our Chinese language and culture class, a little 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-2 & 3-5.

12 sessions \$215

Wednesdays January 27–April 28 3:30–4:15pm

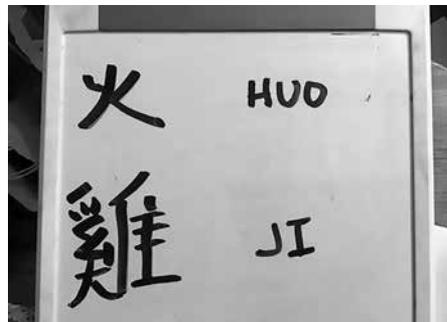
KE201-W21-W-K-2 (Gr K-2)

24 sessions \$345

Tuesdays & Thursdays January 26–April 29

3:30–4:15pm

KE201-W21-Tu/Th-3-5 (Gr 3-5)



We want online learning to work for everyone. If your child needs assistance to be successful in an NCE Kids online class, we'd like to help. See our Policies on page 21 for details.

French & Spanish Clubs

IES National Language Foundation staff, Instructors
Bonjour! Hola! Learn French or Spanish in a fun and engaging atmosphere. Through games, songs, and drama, you'll get a feel for the language and culture. We use a natural immersion approach to get you comfortable with basic communication skills, just as you learned your first language. We also provide activity books and online audio support for working on vocabulary at home. Our classes are divided by age, but advanced younger language enthusiasts are welcome to join classes with their older peers, and older students are free to join a younger group. **Grades K-2, 2-5, & 3-5.**

12 sessions \$275

French Clubs

Mondays January 25–April 26 3:30–4:30pm
KE257-W21-M-2-5 (Gr 2-5)

Tuesdays January 26–April 27 3:30–4:30pm
KE257-W21-Tu-K-2 (Gr K-2)

Tuesdays January 26–April 27 4:45–5:45pm
KE257-W21-Tu-2-5 (Gr 2-5)

Wednesdays January 27–April 28 3:30–4:30pm
KE257-W21-W-3-5 (Gr 3-5)

Spanish Clubs

Mondays January 25–April 26 3:30–4:30pm
KE259-W21-M-K-2 (Gr K-2)

Tuesdays January 26–April 27 3:30–4:30pm
KE259-W21-Tu-K-2 (Gr K-2)

Wednesdays January 27–April 28 1:45–2:45pm
KE259-W21-W-K-2 (Gr K-2)

Wednesdays January 27–April 28 3–4pm
KE259-W21-W-3-5 (Gr 3-5)

Thursdays January 28–April 29 3:30–4:30pm
KE259-W21-Th-K-2 (Gr K-2)

Sports

Batter Up Online!

Andrew Philips, Instructor

Get to know your favorite baseball players up close and personal. Explore the age-old hobby of baseball card collecting. Learn about the history of the game, player profiles, ballpark geography, team mascots, and more. You'll get an intro to card-collecting terminology, online resources, and card maintenance and storage. We'll play a variety of baseball card games, trade cards to assemble your own all-star team, and construct and decorate your own card storage box. You'll receive a baseball card binder, your storage box, and enough cards to get you started on your new hobby. **Grades 3-6.**

We'll provide a safe pickup location for class materials; \$30 is payable to the instructor at pickup.

5 sessions \$195

Mondays January 25–March 16 6–7:30pm
KE366-W21

NEW

Batter Up Online: All Stars!

Andrew Philips, Instructor

Continue your baseball card-collecting journey with this advanced class. Improve your card-collecting terminology, learn about online resources, and open the latest baseball card offerings. For students who have completed at least one session of *Batter Up*. **Grades 3-6.**

We'll provide a safe pickup location for class materials; \$50 is payable to the instructor at pickup.

5 sessions \$195

Tuesdays January 26–March 9 6–7:30pm
KE407-W21

NEW

Fitness Skills from Home

Ana Horowitz, Instructor

Get strong while stuck inside. Join our expert instructor for strength and cardio training to maintain or improve your fitness this winter. Our class will include a balance of bodyweight exercises for your arms, legs, and core, with some added cardio to get your heart

pumping. Expect to break a sweat and build your muscles. All levels welcome, including non-athletes. **Grades 2-5 & 5-8.**

8 sessions \$175

Tuesdays January 26–March 23 4–4:45pm
KM88-W21-Tu-2-5 (Gr 2-5)

Thursdays January 28–March 25 4:30–5:15pm
KM88-W21-Th-5-8 (Gr 5-8)

Fridays January 29–March 26 3:30–4:15pm
KM88-W21-F-5-8 (Gr 5-8)

NEW

Karate

Aidan Murray, Instructor

Build strength of body and character. Learn the fundamentals of Kenpo Karate including blocking, punching, kicking and the stances to substantiate those strikes. We'll begin each class with bowing in; we'll discuss what it means to be a martial artist; and we'll cover the five Principles of Conduct: Effort, Etiquette, Self-Control, Sincerity, and Character. We'll proceed with warm-up activities; karate moves; and basic bodyweight exercises including push-ups, crunches, burpees, and more. We'll bow out to close the class. **Grades 3-5 & 6-8.**

8 sessions \$195

Sundays January 24–March 14 9–10am
KE391-W21-3-5 (Gr 3-5)

Sundays January 24–March 14 10:15–11:15am
KE391-W21-6-8 (Gr 6-8)

Parkour at Home

Parkour Generations Boston staff, Instructors

Turn your living room, bedroom, or backyard into a playground. We'll use commonly available household items like pillows, cushions, tables, towels, and foam rollers to explore the basic movements and techniques of Parkour. Parkour's unique exercises, games, and drills are designed to build your general fitness and endurance and improve your strength, spatial awareness, flexibility, and balance. Join us to explore new possibilities for exercise at home. **Grades 1-7.**

8 sessions \$195

Tuesdays January 26–March 23 4–5pm
KE373-W21-Tu

Thursdays January 28–March 25 4–5pm
KE373-W21-Th

Extras

Babysitting & Safety Training

AllenKingsley 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 5-9.**

1 session \$85

Tuesday February 16 2–4pm

KM85-W21-1

Thursday March 18 3:30–5:30pm

KM85-W21-2

Business Sharks

Right Brain Science staff, Instructors

Make a million! Start with an idea for a product or business and take it through the entire entrepreneurial process. You'll make prototypes, develop a business plan, and create a marketing strategy (like in the TV show Shark Tank, but better). You'll learn important information about wages, profits, and branding as you design print ads, act out TV commercials, research real estate locations, and create mock storefronts. If your product is the next big business story, say you got your start here at NCE! **Grades 2-5.**

See our website for a link to see business sharks in action.

6 sessions \$225

Wednesdays January 27–March 10 3:30–5pm

KE300-W21

Podcast Pros

See page 8 for more information.

Dungeons & Dragons

Chris Barbieri, Instructor

Calling all warriors, wizards, and healers! Your kingdom requires your aid in defending it against invaders and your best friend requires you to save them from a band of orcs! From large adventures that bring you fame to more intimate adventures alongside friends escaping a dragon, we'll do it all in this online class. You'll create your own character from the boots up, choosing your class, race, starting skills, and stats; your instructor will be your Dungeon Master. We will conquer foes or laugh as we fail trying—only to rise up and try again! Bring your imagination and sense of adventure. Novice and experienced players welcome. **Grades 5-8.**

8 sessions \$275

Mondays January 25–March 22 3:30–5pm

KM72-W21-M

Thursdays January 28–March 25 3:30–5pm

KM72-W21-Th

Expert Architects

Right Brain Science staff, Instructors

Congratulations! You've just been named head of Newton's newest architectural firm! Your team must build the tallest building in town and you're in charge of the design. First, you'll need to learn the history of skyscrapers; then you'll create a blueprint for your own stylized tall building. You'll determine the perfect location for your project, weighing its impact on the environment, traffic, and surrounding buildings. Once your blueprint is done, you'll create a computer-generated 3-D model using Minetest, an open-source platform that's similar to Minecraft. Apply your math, writing, and presentation skills as you embark on your new career as an architect. **Grades 3-6.**

You will need to download Minetest to participate in this class (registered students will receive download instructions). You must have a Mac or PC; Minetest does not work with Chromebooks or iPads.

6 sessions \$225

Mondays January 25–March 8 3:30–5pm

KE397-W21

Home Alone Safety

AllenKingsley staff, Instructors

Take the first steps towards independence. Learn about internet safety, phone- and door-answering techniques, accident and fire protection, and first aid. 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 3-6.**

1 session \$45

Tuesday February 16 10am–11:30pm

KE230-W21-1

Tuesday March 16 3:30–5pm

KE230-W21-2

NEW

Journey to Summoner's Rift

Chris Barbieri, Instructor

Choose your champion and make your way to the rift—join us for a new approach to online gaming. Team up to play League of Legends (LoL), a game of strategy where powerful champions face off to make epic plays and take down enemy towers. Individuals need to make plays, but if you don't work as a team you won't have much success. Our LoL-obsessed instructor will create custom games just for us and provide strategic tips such as which items to use and how best to position your champions. If time permits, we'll schedule matches with other players too. We'll foster teamwork, communication, and healthy competitive spirit in the eSports realm. Build your foundational skills here and see where it takes you—perhaps to an eSports scholarship at your favorite college one day! **Grades 5-8.**

You must have a Windows or Mac computer; this game will not work on an iPad or Chromebook. You'll also need to sign up for a free League of Legends account; see our website for the link.

8 sessions \$275

Wednesdays January 27–March 24 4–5:30pm

KM92-W21

NEW**Learn the Ukulele***Rob's Guitar School staff, Instructors*

Take up the perfect winter/COVID pastime. Join us and learn to play the ukulele. It's a versatile instrument that's easy to learn and provides a great starting point if you'd like to play guitar someday. In our small online class format (just three kids per class!), you'll get lots of individual instruction while also learning along with your fellow students. You'll learn basic chords and strumming patterns to build a strong foundation, and we'll work on a variety of songs (sing along if you wish!). By the end of class you'll be able to play a basic version of most of your favorite tunes. **Grades 3-5.**

You'll need your own ukulele to participate in this class. See our website for one we recommend.

8 sessions \$245

Mondays January 25–March 22 4–4:45pm

KE404-W21-M

Fridays January 29–March 26 4–4:45pm

KE404-W21-F

Minecraft Metropolis*Right Brain Science staff, Instructors*

Create a city within a virtual Minecraft world. Learn all about what it takes to make a great city and answer important questions such as: What will you name your city? How many structures can you afford to build? Will you allow gas-powered cars, electric cars... no cars? Use Minecraft to design and build your buildings, explore economics as you discuss consumer markets and supply and demand, and apply your math skills to make sure you come in on budget! Join us to test the limits of your Minecraft skills. **Grades 3-6.**

We'll use a free public domain version of Minecraft called Minetest; it's nearly identical to Minecraft, but works much better for our civics-based purposes. We'll provide detailed instructions and links to a tutorial for how to download and install the program. A PC or Mac laptop is needed for Minetest; Chromebooks and tablets are not compatible.

6 sessions \$225

Fridays January 29–March 12 3:30–5pm

KE326-W21

NEW**Pre-K MakerSpace***Kayla McQuade, Instructor*

Note: This is a morning class.

Make creative inventions from familiar at-home objects. Turn egg cartons into mountain ranges or CDs into crystal chandeliers... when we put our heads together, we'll find infinite possibilities for unexpected projects. During class we'll brainstorm as a group, think outside the box as we present our project plans and strategies for building them, and construct our individual creations together over Zoom. By the end of class, you'll have a range of projects to play with and/or proudly display. Join us to imagine, invent, and find inspiration all around you. **Ages 4-5.**

Bring the following materials to class: markers, crayons, colored tempera paint, glue sticks, paste, scissors, and tape. We may ask you to gather additional materials from home once the class is underway.

8 sessions \$195

Tuesdays January 26–March 23 10–11am

KE394-W21

The Stock Market Game*Peter Yaffe, Instructor*

Make big money fast (virtually, that is). Play The Stock Market Game® and you'll learn about the real world of investing, which incorporates academic concepts that relate to what you learn at school, as well as real-life concepts such as risk, diversification, buying and selling stocks, and borrowing on margin. In this fun and high-spirited setting, you'll try to grow a virtual \$100,000 cash account into a top-performing portfolio, using a lifelike online trading platform to buy and sell stocks. You'll learn how daily events that shape our world affect our finances, and you'll compete against your classmates and other schools across the state to win big in this exciting competition. **Grades 4-5 & 6-8.**

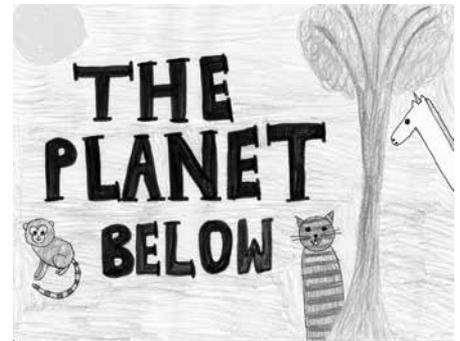
11 sessions \$255

Tuesdays January 26–April 13 4–5pm

KM45-W21-Tu-4-5 (Gr 4-5)

Thursdays January 28–April 15 4–5pm

KM45-W21-Th-6-8 (Gr 6-8)

**Write Your Own Adventure Game***Rachel Zakuta, Instructor*

Make the wrong move and you disappear into the galaxy—select a different path and arrive in Paradise. You choose the ending, because you write the game. Join other wannabe fiction writers and aspiring computer programmers and write your own interactive online story. Using a specialized program called Choicescript, you'll learn the computer code you need to design action-packed multiple-choice adventure games. You'll work as a team to craft the story, create the characters, write the code, and of course try out the finished product. No problem if you're new to computer programming; this is a great place to start. But you must love to be creative and to write. Your final games will be hosted on the NCE website for friends and family to play. **Grades 4-6 & 6-8.**

8 sessions \$275

Mondays January 25–March 22 3:30–5pm

KE383-W21-6-8 (Gr 6-8)

Tuesdays January 26–March 23 3:30–5pm

KE383-W21-4-6 (Gr 4-6)

February Vacation-Week Programs

All classes will run Tuesday through Friday, February 16-19.

Acrylic Painting

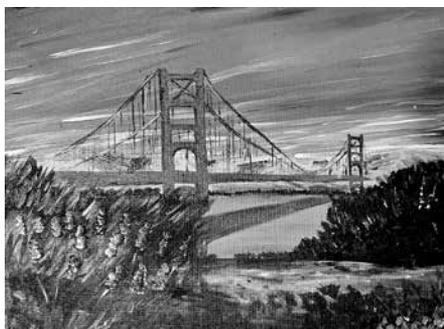
Eddie Bruckner, Instructor

Make brilliant paintings with acrylics, the medium of choice for many amateur and professional artists. In each class, you'll create your own masterpiece as you learn about values, color, brushwork, and more. We'll cover acrylic painting techniques, color theory, the basics of composition, and how to mix and apply paint. Our projects will include landscapes, seascapes, still lifes, and perhaps some silly subjects too. All levels welcome; we'll provide a guided, step-by-step approach so you can progress at your own pace. **Grades 3-8.**

See our website for information about materials.

4 sessions \$245

KV43-W21 (10am-12:30pm)



Attention Muggles!

Danielle Larosee, Instructor

Apparate to NCE Online. Join other wannabe witches and wizards for a week of Harry Potter immersion. We'll explore the world of Harry and the Magical Beasts through art, science experiments, and games. We'll test your Harry Potter knowledge and determine what house you belong in. You'll create spell books, wands, potion jars, castle paintings, winged keys, maps, magic light switches, bookmarks, and more. The world of magic awaits you! **Grades 2-5.**

See our website for a list of the materials you'll need, including links to purchase each item.

4 sessions \$195

KV51-W21-1 (10am-12pm)

KV51-W21-2 (2-4pm)

Babysitting & Safety Training

See page 14 for details.

Chess Intensive

Ross Eldridge, Instructor

Serious chess players: why take a week off from your favorite game? Use this vacation-week class to build your chess-playing skills. You'll review chess principles, looking at positions from real games played by grandmasters, and we'll focus on strategy and positional tactics. You'll learn about notation for reading and writing games as well. Each day will include a combination of 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. This class is for students with prior chess experience. **Grades 3-6.**

4 sessions \$195

KV42-W21 (10am-12pm)

Creative Photo Editing

Coding with Kids staff, Instructors

Put some personality into your photos. Learn the ins and outs of GIMP photo-editing software to fool your family and friends and express yourself through your altered photos. Create a fake vacation photo, put yourself into a famous painting, or crown your cat as king. You'll learn the basics of pixels and color manipulation, work with layers and masks, and adjust textures so your photos really say you. **Grades 4-9.**

4 sessions \$225

KV47-W21 (10am-12:15pm)

Engineering Workshop

Wicked Cool for Kids staff, Instructors

Spend your vacation at the Wicked Cool engineering lab, where you'll design and build useful yet fun objects. You'll learn about the engineering and design process to create crazy catapults and ping pong cannons, make your own balloon-powered and air-powered cars to compete in a big race, and construct a birdhouse and a toothpick tower to withstand an earthquake. Every day there's a new project to test your engineering prowess. **Grades 1-4.**

We'll provide a safe pickup location for materials; the fee is included in the tuition.

4 sessions \$225

KV49-W21 (10am-12:15pm)

Home Alone Safety

See page 14 for details.

Minecraft Mythicraft with Tynker

Wicked Cool for Kids staff, Instructors

Turn your Minecraft madness into a coding craze with Tynker, an educational programming platform based on Scratch. Join us to build Minecraft add-ons and revive mythical creatures in the Minecraft world. We'll journey around the world—visiting Ancient Greece, Atlantis, Japan, and Transylvania to transform the appearance and behaviors of Minecraft mobs. You'll write the code for your pursuits, and then you'll deploy your creations to your Minecraft Windows 10 or iPad. **Grades 2-5.**

You must have a computer or iPad for this class; a phone will not work. You'll also need your own Minecraft account and an account on Tynker—you can create one at www.tynker.com.

4 sessions \$225

KV50-W21 (2–4:15pm)

Python Game Development

Coding with Kids staff, Instructors

Learn to code with Python, an easy and versatile starter language that's used in everything from medical research to applications at NASA. In this class you'll learn the fundamentals of Python to create your own games. You'll practice core coding concepts such as data structures and algorithms, and learn Python-specific concepts and syntax. Our projects will range from simple trivia quizzes to competitive two-player games. Whether you're new to programming or have experience with drag-and-drop tools such as Scratch, Python's easy-to-read yet powerful nature makes it a great starting point for writing your own code. **Grades 5-9.**

You'll need a computer for this class; an iPad or Chromebook will not work.

4 sessions \$225

KV48-W21 (2–4:15pm)

NEW

Star Wars Spectacular

Susan Paquette, Instructor

Travel to “a long time ago in a galaxy far far away...” where you'll use a variety of materials to make art projects inspired by the Star Wars universe. You'll work with the following media: cardboard, paper mâché, wire, self-drying clay, paint, and other miscellaneous craft supplies. You'll create pop-up battle action scene cards, design a baby Yoda puppet with a costume, sculpt a clay BB-8, construct a 3-D Millennium Falcon, and test a blue milk recipe. “Do. Or do not. There is no try!” **Grades 1-5.**

We'll provide a safe pickup location for the class materials; \$25 is payable to the instructor at pickup.

4 sessions \$195

KV45-W21 (10am–12pm)



NEW

Watercolor Pencils

Eddie Bruckner, Instructor

Experience the joys of drawing and painting with watercolor pencils. A unique artistic invention, watercolor (or water-soluble) pencils are incredibly versatile. They are easy to manipulate yet offer a lot of control. Join us to see what you can do in this medium. You'll learn basic pencil strokes and special effects, layering and blending techniques, and how to create flat washes. We'll provide demonstrations and a series of drawing/painting exercises, revealing tips and tricks along the way. Projects will include landscapes, seascapes, still lifes, and perhaps some silly subjects too. Amaze yourself with your work with watercolor pencils! All levels welcome. **Grades 3-8.**

See our website for a materials list.

4 sessions \$245

KV44-W21 (1:30–4pm)

NEW

Wintry Art

Susan Paquette, Instructor

Warm up inside with some winter-themed art. You'll create a 3-D snowman with fabric and fluff, make a bunny-on-a-sled project, and design snowflake garlands then complement them with cute penguin crafts. You'll cozy up with a clay cocoa mug, and for a grand finale you'll design and build your own edible gingerbread house. Snow or no, it's winter in this class. **Grades 1-5.**

We'll provide a safe pickup location for materials; \$25 is payable to the instructor at pickup.

4 sessions \$195 (2–4pm)

KV46-W21



Kids Winter At a Glance

Class	Grades	Page
MONDAY		
DIY Science Toys & Discoveries	K-2	3
Picture Book Artists	K-2	6
Spanish Club	K-2	13
Intermediate Chess	1-5	9
Advanced Chess	1-8	9
Coding with Tynker	2-5	10
Drawing Club	2-5	5
French Club	2-5	13
Story Theatre	2-5	8
Learn the Ukulele	3-5	15
Batter Up Online!	3-6	13
Expert Architects	3-6	14
Intro to Programming: Scratch	3-6	11
Intro to Robotics	3-6	11
Python Multiplayer Games	3-6	12
Cook with the Pros	5-8	9
Dungeons & Dragons	5-8	14
Podcast Pros	5-8	8
Math Meets 3-D Printing	6-8	11
Write Your Own Adventure Game	6-8	15

Class	Grades	Page
TUESDAY		
Pre-K MakerSpace	Ages 4-5	15
Chinese Club (Tu/Th)	3-5	12
French Club	K-2 & 2-5	13
Spanish Club	K-2	13
Super Science: Radical Reactions	K-2	4
Beginning Chess	1-5	9
Intermediate Chess	1-5	9
Modern Art Adventure	1-5	6
Parkour at Home	1-7	13
Improv	2-4	8
Fitness Skills from Home	2-5	13
Advanced Roblox	3-5	12
Math Meets 3-D Printing	3-5	11
Batter Up Online: All Stars!	3-6	13
Home Alone Safety (March 16)	3-6	14
Clay Creations	3-8	4
Zentangle	3-8	7
The Stock Market Game	4-5	15
Hands-on Electronics	4-6	11
Write Your Own Adventure Game	4-6	15
Paper Quilling	5-8	6
Chess for Middle Schoolers	6-8	9
Web Development	6-9	12

Class	Grades	Page
WEDNESDAY		
Chinese Club	K-2	12
DIY Science Toys & Discoveries	K-2	3
Spanish Club	K-2 & 3-5	13
Cupcake Creations	K-3	10
Continuing Chess	K-5	9
Circuitry 101	1-3	10
Outdoor Adventure	1-3	7
Tiny Worlds	1-3	4
Intermediate Chess	1-5	9
Pottery at Home	1-5	7
Business Sharks	2-5	14
Crafty Collage & Mosaic	2-5	4
French Club	3-5	13
Improv	3-5 & 6-8	8
Python Multiplayer Games	3-6	12
Fine Art Drawing	3-8	5
Photo Projects	3-8	6
Comics	4-8	4
Broadway from Home	5-8	8
Journey to Summoner's Rift	5-8	14
Advanced Roblox	6-8	12
Ecology in the City	6-8	7
Intro to Python	6-9	11



Stay in the know

Join our mailing list and be the first to learn of any new classes we add this winter. See our website to sign up.

Class	Grades	Page
THURSDAY		
Spanish Club	K-2	13
Super Science: Radical Reactions	K-2	4
Continuing Chess	K-5	9
Improv	1-3	8
Intermediate Chess	1-5	9
Pottery at Home	1-5	7
Parkour at Home	1-7	13
Advanced Chess	1-8	9
Coding with Tynker	2-5	10
Story Theatre	2-5	8
Chinese Club (Tu/Th)	3-5	12
Roblox	3-5	12
Intro to Robotics	3-6	11
Knitting	3-9	5
Cupcake Creations	4-7	10
App Inventors	5-8	10
Dungeons & Dragons	5-8	14
Fitness Skills from Home	5-8	13
Babysitting (March 18)	5-9	14
The Stock Market Game	6-8	15

Class	Grades	Page
FRIDAY		
Super Science: Radical Reactions	K-2	4
Circuitry 101	1-3	10
Mixed Media	1-3	5
Outdoor Adventure	1-3	7
Actors Studio	1-4	8
Attention Muggles!	1-5	4
Beginning Chess	1-5	9
Intermediate Chess	1-5	9
Drawing Club	2-5	5
3-D Printing, Coding, & Design	3-5	10
Learn the Ukulele	3-5	15
Outdoor Adventure	3-5	7
Minecraft Metropolis	3-6	15
Decor by Me	3-8	5
Fitness Skills from Home	5-8	13
Minecraft Modding	6-9	11

Class	Grades	Page
SUNDAY		
Karate	3-5 & 6-8	13

FEBRUARY VACATION-WEEK

Engineering Workshop	1-4	16
Star Wars Spectacular	1-5	17
Wintry Art	1-5	17
Attention Muggles!	2-5	16
Minecraft Mythicraft with Tynker	2-5	17
Chess Intensive	3-6	16
Home Alone Safety (Tuesday)	3-6	14
Acrylic Painting	3-8	16
Watercolor Pencils	3-8	17
Creative Photo Editing	4-9	16
Babysitting	5-9	14
Python Game Development	5-9	17

FOR HIGH SCHOOLERS

ACT Prep	20
SAT Math Review	20
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Driver's Ed	20

NCE OUTDOORS

Outdoor Adventure @ Hemlock Gorge	1-3	7
Ecology in the City @ Cold Spring Park	6-8	7

HIGHLIGHTS THIS WINTER

Broadway from Home	5-8	8
Cook with the Pros	5-8	9
Journey to Summoner's Rift	5-8	14
Karate	3-5 & 6-8	13
Paper Quilling	5-8	6

Driver's Ed & College Prep

ACT Prep

Summit Educational Group staff, Instructors

If you're looking for an alternative to the SAT test, the ACT may be for you. It's the college-readiness standardized test of choice in most of our country, and it is accepted by all colleges. The ACT tests math, science, reading, and writing (the writing portion of the test is optional). We've partnered with Summit Educational Group to offer a comprehensive program that covers all sections of the ACT exam. We'll review fundamental academic skills like algebra, critical reading, and grammar, as well as essential test-taking strategies. The class includes an initial diagnostic practice exam followed by 12 hours of classroom instruction and a second practice exam. All materials are provided. See below for the class schedule. **Grades 9-12.**

If you're unable to take a practice exam on the scheduled date, contact us to make alternate arrangements.

6 sessions \$675

4 Thursdays & 2 Saturdays

Saturdays February 27 & March 27

Practice Tests 1 & 2, 9am-1pm

Thursdays March 11, 18, 25, & April 8

Classroom Instruction, 6-9pm

KH25-W21



Parting with Patty

If you've ever called or visited the NCE office, there's a good chance you've spoken to Patty Mason. After 23 years of serving as the warm and welcoming face of NCE, Patty has retired. Patty was a tireless worker for NCE and brought cheer to our office and all who met her. She was dedicated to providing all NCE students with exceptional customer service and is beloved by many. All of us here at NCE wish Patty the best in her future endeavors. We will miss her a lot!

SAT Math Review

Mike Mosbrooker, Instructor

Tackle the math section of the SAT Reasoning test with confidence. We'll practice problems from the College Board's sections: Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Math, and Additional Topics in Math. We'll examine the structure of the exam, discuss test-taking strategies, and practice under simulated test-taking conditions to build your skills and self-assurance. **Grades 9-12.**

Please purchase The Official SAT Study Guide, published by the College Board, and bring it to the first class.

5 sessions \$225

Mondays January 25-March 1 4:30-6:30pm

KH16-W21

SAT Verbal Review

Alan Reinstein, Instructor

Master the verbal section of the SAT Reasoning test. We'll review the structure of the exam as well as the sentence completion, critical reading, and writing components of the test. You'll practice under simulated test-taking conditions to build your skills and confidence so you'll be ready for any question test-makers throw your way. **Grades 9-12.**

Please purchase The Official SAT Study Guide, published by the College Board, and bring it to the first class.

5 sessions \$225

Wednesdays January 27-March 3 4:30-6:30pm

KH17-W21

Driver's Ed

CS Driving School staff, Instructors

Complete a course in Driver's Education and you can get your license before the age of 18. Per state requirements, you must be 15 years and 9 months by the time the class starts. A one-session parent training class is required as part of the curriculum. The winter class dates are as follows:

10 sessions \$670

Mondays-Fridays January 11-22 5-8pm

Mondays-Fridays March 15-26 5-8pm

5 sessions \$670

Saturday-Wednesday December 26-30

10am-4:30pm

Monday-Friday February 15-19 10am-4:30pm

For more information or to register, go to csdriving.com.

Due to the current COVID-19 pandemic, NCE is permitting families to opt out of Newton Public School's Buddy System requirement. For questions about Driver's Ed, email contact@csdriving.com or call 781-891-0460.

MANY THANKS to these donors to our scholarship fund and supporters of our program

Ellen Ahmed, John Basbas II, Jacob Brown, Joana Canedo, Susan Cassidy, David Dirks, Eileen Dorschner, Ella Ezrin, Jake Ezrin, Susan Fish, Deborah Goodman, Alison Gregian, Judith Gutis, Thomas Hart, Jan Hauben, Stephanie Huang, Douglas Huber, Sallie Craig Huber, Nancy Jones, Sharon Linsky, Jenny Marcelin, Joyce McCaffrey, Julian Phillips, Nathan Phillips, Joy Cline Phinney, Sally Pian, Barbara Poplack, Barbara Reilly, Maya Reisz, Thomas Savage, Renee Senes, Faina Shapiro, Paula Thompson, Rose Thompson, Lorraine Vekens, Jonas Wright-Lee, Robin Zucker...

and the chefs: Kate & Trevor Smith from *Thistle & Leek*; Nancy Cushman and Rob Wong from *Bianca*; and Dave Punch from *Sycamore, Little Big Diner, and Buttonwood Cafe*.

Adults & Kids

Access

Our classes are open to everyone from all communities.

Age Requirements

Adult classes are open to students 16 years of age and older, except where noted online. Age requirements for Kids classes are listed per class.

Changes

We may cancel under-enrolled classes and change times and instructors as necessary.

Financial Aid & Scholarships

NCE strives to make our classes accessible to all. Financial aid is available for all Newton residents and NPS students (regardless of residence) who qualify based on the Community Development Family Income Guidelines. A short online scholarship application is available on our website. Please apply by Monday, January 11 for winter scholarships. We will give priority to those who apply by this deadline. We're eager to help. If you have questions, contact us at scholarships@newtoncommunityed.org.

Gift Certificates

Gift certificates are available in any amount and can be used for any class we offer. Email us at staff@newtoncommunityed.org to purchase one.

Meeting Links and Supplies

For classes that meet online, we send links via email three days before class begins. If you did not receive your link or list of class materials, there may be an issue with your email server. Check your Spam and Promotions folders and notify us at least a day in advance so we can send you all the information you need for a successful class experience. You are responsible for making sure you get the link and all needed supplies before class.

One Person Per Computer

Your registration in an online class is just for you. Please register individually if more than one person will be using your screen.

Permissions

We may occasionally post student work to our website or take pictures of students in our classes for use in promotional materials. Your enrollment in a class indicates your approval for this.

Refunds/Withdrawals

You may withdraw from an Adult class three business days before the start date printed in this catalog, and from a Kids class seven business days before the printed start date to receive either a refund minus a \$10 processing fee or a credit-on-account (no fee). Beyond these dates, no credits or refunds will be given. The registration fee is not refundable. Email withdrawal requests to staff@newtoncommunityed.org during our

business hours; requests that come outside of those hours will be considered on the next business day. There are no partial refunds for student absences or late arrivals.

Registration Fee

We charge a \$9 registration fee per person per session.

Trial Classes

We do not offer trial classes at this time.

Troubleshooting Online Classes

We strongly recommend that you test your meeting platform in advance as we cannot offer refunds for last-minute technical difficulties or late arrivals. See Tips under Quick Links on our website for help using Zoom.

Waitlist Status

If the class you want is full, sign up for the waitlist! It's free, and you can always turn down a spot if it's offered to you.

Weather Cancellations

In inclement weather, call NCE's weather hotline line at 617-559-6993 to find out if your class is running. Virtual classes will typically run in inclement weather. If your class is cancelled, we will notify you of makeup dates as soon as possible. We cannot offer refunds for weather-related date changes.

We are Inclusive

At NCE, we welcome students of all races, ages, genders, sexual orientations, gender identities, religions, abilities, statuses, and every other category protected by federal or state law. Our goal is to provide safe, accessible, and comfortable classes for all.

Just for Kids

Behavior Policy

NCE wants all children to be successful and safe in all of our classes. We ask our instructors to be clear with expectations and to deliver curriculum in an engaging way. We ask that students be respectful to their peers, instructors, class materials, and class space whether online or in-person. If your child is engaging in a challenging behavior, we will try to help your child re-engage appropriately. If we are unsuccessful in helping your child re-engage, we will strategize with you about the best way forward and hope to come up with a positive solution, which may include class withdrawal. Refunds are not given to families of children who need to leave a class due to inability to engage appropriately. NCE asks students to follow Newton Public Schools' online practices and guidelines found on the NPS website.

Special Needs

Please share any additional information that will help us support your child. Email us at staff@newtoncommunityed.org and we will follow up with you.

Newton Public Schools

Superintendent

Dr. David Fleishman

School Committee

Mayor Ruthanne Fuller,
Ex-officio

Ward

1 Bridget Ray-Canada
2 Margaret Albright
3 Anping Shen
4 Tamika Olszewski
5 Emily Prenner
6 Ruth Goldman
7 Kathy Shields
8 Matthew Miller

NCE Commission

Jennifer A Bentley, Diana Fisher Gombert, Katie Keith, Joyce Leonardo (chair), Marcela Merino, John Oliver, Toby Romer, Silka Rothschild, Carol Stapleton, Kartikey Trivedi

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WATERCOLOR PENCILS

Kids: It's the best of both worlds! Get the beautiful look of watercolor paints while enjoying the control of a pencil in this vacation-week program.

17



CUPCAKE CREATIONS

Kids: Create a cupcake masterpiece. Learn frosting techniques and decorate cupcakes you bake from scratch.

10