



Monday	Tuesday	Wednesday	Thursday	Friday
Crazy Chemwork with Mad Science (K-2) \$375	New! 3D Construction with Ann Lee (3-5) \$315	Advanced Chess Team Tournament Players with Giorgi (1-5) \$375	Anatomy Through Parkour & Movement with The Movement Creative (3-5) \$335	Rock Guitar with The NYC Guitar School (3-5) \$335
Intermediate Mandarin with Advance Learning (2-5) \$350	Beginning/Intermediate Chess with Chess Focus (K-5) \$350	New! App Inventor with Launch (3-5) \$395	New! Code Junior with Launch (K-1) \$375	New! Imagine Arts Academy: Wild World with Mad Science (K-2nd) \$375
Karate with Amelia Sheftall (1-5) \$315	The Mystery of Magic with Adam Cardone (3-5) \$315	Beginning/Intermediate Chess with Chess Focus (K-5) \$375	Intermediate Chess Team Tournament Players with Tamar (K-5) \$350	
Photography with Junior Lab (K-2) \$315	Paul Taylor Dance with The Paul Taylor Dance Company (K-2) \$315	Beginning Mandarin With Advance Learning (K-3) \$375	New! Movie and iMovie with Junior Lab (4-5) \$335	
New! Python Interactive with Launch (3-5) \$375	New! Rockets and Roblox: 3D Design for Outer Space with Makerstate (3-5) \$335	New! Science Lab Arts with Makerstate (2-4) \$335	Storytelling & Performance with Andrew Del Vecchio (3-5) \$315	
		Writopia Lab with Writopia Lab (4-5) \$350		
		Young Architects with Kids In Design (2-5) \$395		

Important Information Below:

- ****Subject to Change****
- ****Receipts will display course name as listed above****
- *****Please note all classes will be held between 3pm and 4pm on their scheduled day*****
- **There is a \$30 registration fee per student per semester.**
- **We offer a payment plan in two installments payments, first payment due at the time of registration and second installment on October 15th, 2020.**
- **All classes will be held as live sessions via Zoom or google classroom.**



3D Paper Construction **NEW!**

With Ann Lee

Grades: 3-5th| Day: Tuesday| Date: September 29nd - December 15th | Price: \$315| Time: 3:10pm-3:55pm

Create objects on screen and build in real life. Laboratory projects based on transforming paper to 3D objects. Breaking down box packaging to see how it is built and recreating electronically.

Sample Project: Mask making

https://www.etsy.com/shop/IVYpaperArt?ref=simple-shop-header-name&listing_id=672191506

print and mail pdfs, if need be.

Make purchased masks.

Requirements: Some experience with layout programs such as InDesign or Scribus.

Anatomy Through Parkour and Movement

With The Movement Creative

Grades: 3rd-5th| Day: Thursday| Date: October 1st - December 17th| Price: \$335| Time: 3pm-4pm

This innovative and engaging class teaches kids about anatomy through Parkour and movement. Parkour is a practice of becoming more capable of overcoming obstacles and challenges.

Coaches share and students create movement challenges and games while exploring different situations, scenarios, and obstacles, giving them the tools to develop their own parkour practice while learning risk assessment and technique cooperatively from their coaches.

Parkour's emphasis on incremental progression and reflection help students develop healthy strategies for overcoming mental and emotional hurdles as well. By training together, kids build stronger teams, friendships, and self-awareness.

Please note this course now has a \$45 equipment fee for New Students. After3 has organized a substantial discount for our students. The equipment fee will be added at the time of registration. You can see what's included in the starter kit via the following link:

<https://www.themovementcreative.com/store-all/starter-kit>

App Inventor **NEW!**

With Launch

Grades: 3rd-5th| Day: Wednesday| Date: September 30th - December 16th | Price: \$395| Time: 3pm-4pm

In this virtual class, kids create their very own phone apps for use on mobile and tablet devices! With a user-friendly "drag-and-drop" interface similar to Scratch, this app building course enables kids to learn how to design a GUI (graphical user interface), where to place buttons and text, and how to strategically use multiple screens. A personalized sound board, a choose your own adventure game, and our version of Whack-a-Mole are just a few of the apps that can be made (and played) in this exciting tech course!

Previous experience coding with Scratch or similar highly recommended. Students must have a computer in order to code (not a tablet). It is highly recommended but not required that students use one computer to code and another device (tablet, computer) to participate in the Zoom class at the same time. Apps can be played on a computer, tablet, or phone.

Note: Some of this material will overlap with what they did in Phone Apps in Spring 2020. A few of the same projects, but they should be able to take them further since they have more experience.



Beginning Mandarin

With Advance Learning

Grades: K-3rd| Day: Wednesday| Date: September 23rd - December 16th | Price: \$375| Time: 3pm-4pm

This class is open to students continuing from last semester and new students. All lower school students have exposure to Mandarin once a week as part of the regular school curriculum. TD Learning Mandarin Afterschool Program helps your child learn this increasingly important world language. Students will learn how to read and write Chinese characters using textbooks, flashcards, practice homework, books and DVDs, including pronunciation help and computer-based language skill-building games.

TD Learning Chinese language program is an enrichment model that challenges all students to become fluent in Chinese. Classes are taught by bilingual teachers who are fluent in Chinese and English. We will serve a diverse population of students, in addition to exposing students to Chinese culture; This will provide an exceptional opportunity for promoting respect of the different cultures and beliefs of those around them.

Limited enrollment. For more information, contact tinapraise@yahoo.com.

Chess Beginning-Intermediate

With Chess Focus

Grades: K-5th| Day: Tuesday or Wednesday| Price: \$350 (Tuesday)| Price: \$375 (Wednesday)| Time: 3pm-4pm

This class is open to beginner and intermediate chess players. Students will be grouped based on ability. Beginner students will learn the basics in a fun and friendly environment. Students will learn how all the pieces move and how to checkmate.

They will be introduced to opening principles and various phases of play. Students will also be taught chess notation and use of the clock. Intermediate players will gain a deeper understanding of openings, and get an introduction to middle and end games. They will focus on tactics and puzzle solving, and play tournament style games.



Chess Team - Advanced

Tournament Players

With Giorgi

Grades: 1-5th| Day: Wednesday|

Date: September 30th - December 16th| Price: \$375|

Time: 3:10pm-3:55pm

Prerequisite: USCF rated 800+

This class is intended for advanced chess players with an USCF rating of 800+ and is geared for players who represent NEST+m at major local and national tournaments. The focus of this class will be on advanced tactics and strategy. Students will gain a deeper understanding of middle and end games. Students will also be introduced to the history of chess and famous games from chess world champions will be analyzed. The class will include tournament style play with game analyses. Regular homework can be expected.

Chess Team - Intermediate

Tournament Players

With Tamar Chanadiri

Grades: K-5th| Day: Thursday| Date: October 1st -

December 17th | Price: \$350| Time: 3:10pm-3:55pm

This class is geared for intermediate tournament players who represent NEST+m at major local and national tournaments. Players must have a USCF rating > 400 and play an average of two tournaments per month. The class is suitable for groups USCF rated (400 - 800).

The focus of this class will be on advanced tactics and strategy. Students will gain a deeper understanding of middle and end games. Students will also be introduced to the history of

chess, and famous games from chess world champions will be analyzed. The class will include tournament style play with game analyses. Regular homework can be expected.

Crazy Chemworks

With Mad Science

Grades: K-2nd| Day: Monday| Date: September 28th -

December 14th | Price: \$375| Time: 3:10pm-3:55pm

Please note the course fee is inclusive of a monthly supply fee. Supplies will be mailed monthly to participants.

Come and spark imaginative learning with some Mad chemistry. Watch as we combine elements and make them fizz, crackle and change color! We'll delve into molecules and chemical reactions that produce light, gas and even slime. Some of the weekly topics in this session include : *Lab Works, Junior Reactors, p.H. Phactor, Slime Time, The Glow Show, Dry Ice Capades, Icky Sticky Stuff, Chemistry Corner, The Mystery of Chem and Kitchen Chemistry.* **Please note this semester this course will be held as a live session via Zoom.**

Here's a link to our Virtual STEAM programs trailer (5 min). <https://vimeo.com/445309139>



Code Junior **NEW!**

With Launch

Grades: K-1st| Day: Thursday| Date: September 29th - December 17th | Price: \$375| Time: 3pm-4pm

Game on! With the development of logic skills serving as the foundation for fun, Launch's budding programmers learn the basics of computer science while creating digitally interactive puzzles and exciting video games. From designing custom characters to sequencing motion blocks, kids "crack the code" while programming on tablets using ScratchJr.

No previous coding experience is required. Students must have a tablet in order to code (not a computer), and another device (tablet, computer) to participate in the Zoom class at the same time.

Imagine Arts Academy: Wild

World **NEW!**

With Mad Science

Grades: K-2nd| Day: Friday| Date: October 2nd - December 18th | Price: \$375| Time: 3:10pm-3:55pm

Please note the course fee is inclusive of a monthly supply fee. Supplies will be mailed monthly to participants.

Are you ready for an art expedition? Let the wonder and beauty of the animal kingdom inspire your empathy, curiosity, and creativity. Learn about lions, elephants, sharks and more, and find out how wildlife conservationists are working to protect species around the globe. Experiment with a variety of art techniques and use Crayola® products to create animal-inspired art projects, from frog paintings to polar bear sculptures! Let your creativity run wild and bring your handiwork

home to build a menagerie of animal-themed masterpieces. **Please note this course will be a live session via Zoom.**

Intermediate Mandarin

With Advance Learning

Grades: 2-5th| Day: Monday| Date: September 28th - December 14th | Price: \$350| Time: 3pm-4pm

This class is for students who were in the program for one year or those who have had some exposure to Mandarin. All lower school students have exposure to Mandarin once a week as part of the regular school curriculum. Advance Learning Mandarin Afterschool Program helps your child learn this increasingly important world language. Students will learn how to read and write Chinese characters using textbooks, flashcards, practice homework, books and DVDs, including pronunciation help and computer-based language skill-building games.

The Advance Learning Chinese language program is an enrichment model that challenges all students to become fluent in Chinese. Classes are taught by bilingual teachers who are fluent in Chinese and English. We will serve a diverse population of students, in addition to exposing students to Chinese culture; This will provide an exceptional opportunity for promoting respect of the different cultures and beliefs of those around them.

Limited enrollment. For more information, contact tinapraise@yahoo.com.



Karate with Amelia Sheftall

With Sensei Amelia Sheftall KP for Kids

Grades: 1st-5th| Day: Monday| Date: September 28th - December 14th | Price: \$315| Time: 3:10pm-3:55pm

For Returning Students only . Limited seating available. The After3 after school karate program incorporates warming up, stretching, review of fundamental karate techniques, formal kata, meditation and Japanese terminology in each class. There are also fun games that increase stamina and overall fitness.

Each semester there will be a promotion where students who are prepared and who have accumulated enough class hours will be asked to attend a special event to receive their new belt or advanced stripe for that belt level. These promotions are wonderful experiences for everyone and we look forward to your participation.

Movie and iMovie **NEW!**

With Junior Lab

Grades: 4-5th| Day: Thursday| Date: October 1st - December 15th | Price: \$335| Time: 3:10pm-3:55pm

This class is aimed at 4th-5th grade students and explores the relationship between photography and video. In the beginning students learn about the evolution from still to moving images through hands-on exercises. As class progresses we develop our own short stories, write scripts and create story-boards. After all those preparatory exercises students collaborate with each other on filming - being directors, camera operators and actors. The process of editing in iMovie is covered in detail. The class ends with students presenting their final, completed video.

The Mystery of Magic

With Adam Cardone

Grades: 3rd-5th| Day: Tuesday|
Date: September 29th - December 15th | Price: \$315|
Time: 3:10pm-3:55pm

In this course the students will learn what it takes to be a master magician. Most people think that learning the trick is all it takes to fool an audience but Cardone the magician will teach the real secrets that can't be bought in a magic store. Sleight of hand, timing, voice and speech, pantomime, psychology, magic history, and the basics of theatre arts will be taught to make you not only a magician, but a master entertainer.

Cardone has been performing magic on a professional level for 23 years and holds a BFA in Theatre Arts from Carnegie Mellon University. Cardonethemagician.com



Paul Taylor Dance

With The Paul Taylor Dance Company

Grades: K-2nd| Day: Tuesday| Date: September 29th - December 15th | Price: \$315| Time: 3pm-4pm

As the educational component of the Paul Taylor Dance Company, The Taylor School exposes students to the joy and passion of Mr. Taylor's dances. Through creative games Young Artists are able to explore their innate love for movement in a safe and nurturing environment. They will learn basic dance exercises that build the early foundations of modern dance technique- the basis for Taylor's choreography- and express their own creative voices.

Classes may be divided up into two groups where each class is 45 minutes.

Photography

With Junior Lab

Grades: K-2nd| Day: Monday| Date: September 28th - December 14th | Price: \$315| Time: 3:10pm-3:55pm

The class serves as an introduction into the world of photography. It explains the nature, origins and usage of photographs to very young children. It is designed to develop confidence in handling photographic equipment and improve hand-eye coordination by holding and operating different cameras, learning to compose and take images. It also stimulates creativity through a variety of fun guided hands-on photographic projects. Students learn about the world, discussing concepts like colors, shapes or emotions through photographs and are introduced to various skills and techniques such as making artist books, or collage.

Python Interactive **NEW!**

With Launch

Grades: 3-5th| Day: Monday| Date: September 28th - December 14th | Price: \$375| Time: 3pm-4pm

Bring your Python code to life with interactive buttons, windows, images, and more! Our all new Python projects for fall 2020 focus on Graphical User Interfaces, popularly referred to as GUI (pronounced goo-ee) via the Tkinter module. Through this virtual course learn how to create your own characters with bitmap editors, design the game interface with your choice of shapes, colors, and fonts, then code your objects to interact and respond to their environment. Did your alien just collide with a spider? That can't be good! Or can it? Your code, your rules. Explore Python for the first time or use your previous Python experience to truly bring your games to the next level. *Previous experience coding with Scratch or similar highly recommended. Students must have a computer in order to code (not a tablet). It is recommended but not required that students use one computer to code and another device (tablet, computer) to participate in the Zoom class at the same time.*

Python class requires a free download of Python 3 found at: <https://www.python.org/downloads/>.



Rock Guitar

With The NYC Guitar School

Grades: 3rd-5th| Day: Friday|

Date: October 2nd - December 18th | Price: \$335|

Time: 3:10pm-3:55pm

Please note this course will have limited enrollment for the Fall Semester, with priority registration for current students. Limited seating available.

Students experience the joy of playing along with songs they know and love from the very first class! The class will also incorporate music theory and basic technique into each session and students will perform a song as a group at the end of the semester.

NYC Guitar School is New York City's premier guitar school, with five studio locations around the city (Midtown, Upper East Side, Brooklyn, Queens, and Westchester).

BYOG (bring your own guitar)! Don't have one?

No problem!

Contact onsite@nycguitarschool.com to set up a guitar rental-ask for the NEST discount!

Requirements: Students should have basic knowledge of open chords and strumming patterns.

Rockets and Roblox: 3D Design for Outer Space **NEW!**

With Makerstate

Grades: 3rd-5th| Day: Tuesday|

Date: September 29th - December 18th| Price:\$335|

Time: 3pm-4pm

Rocket Science is included in our Rockets and Roblox: 3D Design for Outer Space session where budding pilots and astronauts will build and test their own gliders, catapults, rockets, moon rovers, parachutes and more in this hands-on exploration of NASA Engineering Design to further our journey into space. The physical materials needed for this class will be shared on a monthly basis, but rest assured that we have built the curriculum with easy to find household items in mind.



Science Lab Arts NEW!

With Makerstate

Grades: 2nd-4th| Day: Wednesday|

Date: September 30th - December 18th| Price: \$335|

Time: 3pm-4pm

Let's create rubber eggs, clouds in a jar, jelly bean building, elephant toothpaste, thermometers, strawberry moon sand, marbled paper, paper rainbows, and more in this hands-on art and science experiments lab. Together we will dive into the why, what and how of art projects and the practical implementation of science. The physical materials needed for this class will be shared on a monthly basis, but rest assured that we have built the curriculum with easy to find household items in mind. And, while we try our very best to not make a mess, sometimes science is messy! We always include clean up materials in our shared lists and also suggest creating a clean work space (while protecting our computers) and perhaps even building on a large cookie sheet or something of that nature to catch potential spills. We are measuring and forming hypotheses while watching scientific terms come alive right in front of our eyes!

Storytelling & Performance

Grades: 3rd-5th| Day: Thursday|

Date: October 1st - December 17th| Price: \$315|

Time: 3:10pm-3:55pm

The class will work with the kids to break down the aspects of creating and presenting stories. The group will explore both fictional and non-fictional storytelling. It will break down the different pillars of the story to help the kids build their own world. The class will work on creative writing, creativity, public speaking, and presentational skills.



Writopia Lab

With Writopia Lab

Grades: 4-5th | Day: Wednesday | Date: September 30th - December 16th | Price: \$350 | Time: 3:10pm-3:55pm

This course is open to new and returning students. For two-thirds of the semester, writers develop and write their own original short stories and/or plays and poetry on a weekly basis with a published writer or produced playwright. Writers will explore core elements of plot, key literary tools, and mechanics of a coherent story. During the remaining portion of the semester, writers will focus on essay writing. Writers will learn to analyze evidence, craft arguments, and structure and organize their ideas effectively. The workshop culminates in a reading for family, faculty, and friends. Each child leaves the workshop with a finished writing piece in hand and with a new found love of writing in his or her heart.

Writopia Lab runs the most fun and productive writing workshops for teens and tweens in New York City. Each year, Writopia teens win more writing awards than any other group of students in the country. While the focus of writing workshops is on story and creative expression, we will explore structure and grammar as we revise our work, and our writers ultimately organize their thoughts into coherent, fluid, and complete narratives. Workshops are run by published authors or produced playwrights trained in Writopia's method.

Writopia's method is student-centered; at Writopia, we witness every day that teens and tweens write at their best ability when writing what

they want to write. Sessions are peppered with constructive games and helpful exercises.

Young Architects

With Kids In Design

Grades: 2nd-5th | Day: Wednesday | Date: September 30th - December 16th | Price: \$395 | Time: 3pm-4:30pm

The class teaches the fundamental concepts in architecture, engineering, and urban planning. Young Architects build, design, and present their own projects in every class. The open-ended approach connects architecture and urban planning to other disciplines and introduces children to such different subjects as math, geometry, physics, structural engineering, design, climate, history, as well as a variety of cultural and social issues. The class fosters the ability to recognize complex patterns and creatively solve challenging real-world problems.

Please note: A list of materials needed will be emailed out before each class that parents must prepare in advance.