



Monday	Tuesday	Wednesday	Thursday	Friday
Crazy Chemwork** with Mad Science (K-2) \$350	Arts & Engineers 3D Design & Roblox <b>New!</b> with Makerstate (2-5) \$335	Advanced Chess Team Tournament Players with Giorgi (1-5) \$335	Code Junior** with Launch (K-1) \$350	3D Design & Worldbuilding with TinkerCAD & Minecraft with Makerstate <b>New!</b> (2-5) \$335
Intermediate Chess with Chess Focus <b>New Day!</b> (K-5) \$335	Beginner Chess with Chess Focus (K-5) \$335	App Inventor** with Launch (3-5) \$350	After3 Comedy/Improv Club with Andrew Del Vecchio (2-5) \$295 <b>Back Again!</b>	Draw & Describe <b>New!</b> with Carlos Arriola (K-2) \$250
Piskel Animation <b>New!</b> with Makerstate (K-5) \$335	The Mystery of Magic with Adam Cardone (3-5) \$295	Beginner Chess with Chess Focus (K-5) \$335	Intermediate Chess Team Tournament Players with Tamar (K-5) \$335	Rock Guitar with The NYC Guitar School (3-5) \$300
Python Code Breaker** with Launch (3-5) \$350	Paul Taylor Dance with The Paul Taylor Dance Company (K-2) \$295	Beginning Mandarin With Advance Learning (K-3) \$335 3pm	Lego Digital Design & Virtual Robotics <b>New!</b> with Makerstate (K-5) \$335	Scratch Coding & Game Design <b>New!</b> with Makerstate (K-2) \$335
	Sports Conditioning <b>New!</b> with LS New! (3-5) \$295	Intermediate Mandarin with Advanced Learning (2-5) \$335 4pm <b>New Day &amp; Time!</b>	Movie and iMovie with Junior Lab (3-5) \$300	
		Writopia Lab with Writopia Lab (3-5) \$335		
		Young Architects with Kids In Design (3-5) \$350		

**\*\*Open to New and Returning Students. All new projects.**

**Please note that most classes are open to new and returning students. However we've clarified for coding programs.**

## 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, unless stated otherwise.**
- **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 February 15th, 2021.**
- **All classes will be held as live sessions via Zoom or Google Classroom.**



## 3D Design & Worldbuilding with TinkerCAD & Minecraft **New!**

With Makerstate  
Grades: 2nd-5th| Day: Friday|  
Date: January 15th - March 26th| Price: \$335|  
Time: 3pm-4pm

Design and build cities in Lego Digital Design, 3D design dragons and anything else you can imagine in TinkerCAD and explore worlds in Minecraft!

TECH: Minecraft, TinkerCAD, Lego Digital Design

## After3 Comedy/Improv Club **Back Again!**

Grades: 2nd-5th| Day: Thursday| Date: January 14th - March 25th| Price: \$295|  
Time: 3:10pm-3:55pm

Students will learn valuable theater and comedy performing skills while developing a comedy show to be performed at the end of the semester. While improvisation is the focus, those interested in Stand-Up and Sketch Comedy will have the opportunity to create original material.

## App Inventor

With Launch  
Grades: 3rd-5th| Day: Wednesday| Date: January 13th - March 24th| Price: \$350| Time: 3pm-4pm

**\*\*Open to New and Returning Students. All new projects.**

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.*



## **Arts & Engineers 3D**

### **Design & Roblox **New!****

With Makerstate

Grades: 2nd-5th| Day: Tuesday |

Date: January 12th - March 23rd| Price: \$335|

Time: 3pm-4pm

Combine engineering and arts in this program. 3D design games and obby courses in TinkerCAD, code and explore the never-ending fun world of Roblox and design virtual Lego blocks! TECH: Roblox, TinkerCAD, Lego Digital Design.

## **Beginner Chess**

With Chess Focus

Grades: K-5th| Day: Tuesday or Wednesday|

Price: \$335 (Tuesday)| Price: \$335 (Wednesday)|

Time: 3pm-4pm

This class is open to beginner 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.

## **Beginning Mandarin**

With Advance Learning

Grades: K-3rd| Day: Wednesday| Date: January 13th -

March 24th| Price: \$335| Time: 3pm-4pm

**\*\*Open to New and Returning 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](mailto:tinapraise@yahoo.com).



## Chess Team - Advanced

### Tournament Players

With Giorgi

Grades: 1st-5th| Day: Wednesday| Date: January 13th - March 24th| Price: \$335| 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: January 14th - March 25th| Price: \$335| 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.

## Code Junior

With Launch

Grades: K-1st| Day: Thursday| Date: January 14th - March 25th| Price: \$350| Time: 3pm-4pm

**\*Open to New and Returning Students. All new projects.**

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.*



## **Crazy Chemworks**

With Mad Science

Grades: K-2nd| Day: Monday| Date: January 11th - March 22nd| Price: \$350| Time: 3:00pm-3:55pm

**\*\*Open to New and Returning Students. New projects.**

**Please note the course fee is inclusive of a supply fee. Supplies will be mailed in advance 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.

***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>

## **Draw & Describe New!**

With Carlos Arriola

Grades: K-2nd| Day: Friday| Date: January 15th - March 26th| Price: \$250| Time: 3:10pm-3:55pm

Art has always been a form of deep expression . This course outline, each student will draw out an ideal picture of their emotions and feelings through character drawing base or emojis and will give an explanation through story telling for them to create a plot and an ending.

**Supplies needed:** Construction paper , color pencils, scissors, and Markers.

*Supplies not provided, materials must be prepared in advance.*

## **Intermediate Chess New Day!**

With Chess Focus

Grades: K-5th| Day: Monday| Date: January 11th - March 22nd| Price: \$335| Time: 3pm-4pm

This class is open to intermediate chess players. 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.



## **Intermediate Mandarin**

### **New Day & Time!**

With Advance Learning

Grades: 2-5th| Day: Wednesday| Date: January 13th - March 24th| Price: \$335| Time: 4pm-5pm

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. The Advanced 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](mailto:tinapraise@yahoo.com).

## **Lego Digital Design & Virtual Robotics New!**

With Makerstate

Grades: K-5th| Day: Thursday| Date: January 14th - March 25th| Price: \$335| Time: 3pm-4pm

Whether it's the logo on a shoe or the cover of the latest comic book – designs are all around us! Photo manipulation, color theory, image layering, typography... This course teaches various strategies and techniques that unleash the creative juices in every student. Become a designer by combining art and tech to create your own company business card, make silly movie posters and memes, and mockup packaging for your dream product! Welcome to the world of graphic and digital design!

*Experience navigating a computer and using mouse or trackpad is required. Students must have a computer in order to participate (not a tablet). It is highly recommended but not required that students use one computer to design on and another device (tablet, computer) to participate in the Zoom class at the same time.*



## **Movie and iMovie**

With Junior Lab

Grades: 3rd-5th| Day: Thursday| Date: January 14th - March 25th| Price: \$300| Time: 3:10pm-3:55pm

This class is aimed at 3rd-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: January 12th - March 23rd| Price: \$295|  
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](http://Cardonethemagician.com)

## **Paul Taylor Dance**

With The Paul Taylor Dance Company

Grades: K-2nd| Day: Tuesday| Date: January 12th - March 23rd| Price: \$295| 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.

## **Piskel Animation **New!****

With Makerstate

Grades: K-5th| Day: Monday|  
Date: January 11th - March 22nd| Price: \$335|  
Time: 3pm-4pm

Bring out your inner artist and design whatever you can imagine in Piskel! Learn how to shade and layer animations, create pixel art, game sprites and animated gifs. Create animations just like your favorite games, cartoons and movies!



## Python Code Breaker

With Launch

Grades: 3-5th| Day: Monday| Date: January 11th - March 22nd| Price: \$350| Time: 3pm-4pm

**\*Open to New and Returning Students. All new projects.**

The Caesar shift, Alberti's disk, Cherokee Code Talkers and the Enigma Machine... As far back as 1900 BCE Ciphers have been used to protect critical information. Our ability to encrypt and decrypt ("break") these codes has changed the course of history.

In this puzzling class Launch programmers use Python to disguise and reveal secret messages using famous ciphers. Students will learn various methods of hiding messages in Python using strings, lists, conditional statements, and custom functions. From shifting the alphabet so that A becomes B to numerical-based methods, unlock a new coding experience with Launch!

*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.*

## Rock Guitar

With The NYC Guitar School

Grades: 3rd-5th| Day: Friday| Date: January 15th - March 26th| Price: \$300| Time: 3:10pm-3:55pm

*Please note this course will have limited enrollment for the Winter Semester, with priority registration for returning 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](mailto: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.**





## **Scratch Coding & Game Design **New!****

with Makerstate

Grades: K-2nd| Day: Friday|

Date: January 15th - March 26th| Price: \$335|

Time: 3pm-4pm

Scratch was created at MIT to help young people learn to think creatively, reason systematically, and work collaboratively. We'll build and maybe even put ourselves into the programs we make with our own karate, dance or parkour moves! As we code with color coded blocks, we'll practice fundamental academic skills in math, language arts, social studies and art!

### **TECH Requirements:**

Mac or Windows PC with webcam

(**sorry, no iPads, tablets or Chromebooks**)

Access to Zoom (private, password-protected sessions).

## **Sports Conditioning **with LS** **New!****

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

Date: January 12th - March 23rd| Price: \$295|

Time: 3pm-4pm

Want to keep your child active this winter?.... Looking for a way to engage your child and keep them ready for whatever sport they love. Join the LTS Sports Conditioning Class with JB. This class was designed to engage young athletes and children who may want to participate in a sport in the upcoming seasons. Our aim is to provide fun and engaging sessions that will help them get in the best shape possible. So when they return to playing & competing they will be strong, fit and less prone to injury.

Our weight free program gets participants to safely improve their strength, fitness and flexibility by providing a weekly program using motions exercises from various sporting and exercise disciplines. Students will be exposed to elements of yoga and tai chi, calisthenics, meditation, cross fit and motions generally done in sports. In a seamless progression that naturally motivates participants and provides amazing results.

***Please note students will need a yoga/exercise mat and at least a 6\*6 space.***



## **Writopia Lab**

With Writopia Lab

Grades: 3rd-5th| Day: Wednesday| Date: January 13th  
- March 24th| Price: \$335| 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 within structure games and helpful exercises.

## **Young Architects**

With Kids In Design

Grades: 3rd-5th| Day: Wednesday| Date: January 13th  
- March 24th| Price: \$350| 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: Supplies are not provided but are generally items readily available and easy to source. A list of materials needed will be emailed monthly, that parents must prepare in advance.*