Han Academy

Grade K-6
2021 Virtual Summer Camp

One Stop Virtual Camp for Learning and Fun

10 Weeks from June 21 to August 27

Reading & Writing . Public Speaking . Chinese . Scratch . Python . Singapore Math. STEAM . Fun Math . Snapology . Broadway Singing . Ukulele

Register Online Today!

www.hanacademynj.com

5% Early bird discount before April 19
5% Siblings discount

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Han Academy Summer 2021 Online Class List (10 weeks: 6/21-8/27)

Math	**Singapore Math G1**	K-G1	10 weeks	Mon, Wed	10:15-11:15AM	$400/ 20 classes
	Singapore Math G2	G2	10 weeks	Tue, Thur	10:15-11:15AM	$400/ 20 classes
	Singapore Math G3	G3	10 weeks	Mon, Wed	9:00-10:00AM	$400/ 20 classes
	Singapore Math G4	G4	10 weeks	Mon, Wed	11:30AM-12:30PM	$400/ 20 classes
	Singapore Math G5	G5	10 weeks	Tue, Fri	11:30AM-12:30PM	$400/ 20 classes
	Fun Math 301	G3-G4	10 weeks	Sat	10:30-11:20AM	$350/ 10 classes
	Fun Math 401	G5-G7	10 weeks	Sat	8:45-10:15AM	$550/ 10 classes
STEAM	**STEAM Lab level 1b**	Age 5-7	3 weeks (6/21-7/9)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	STEAM Lab level 2a	Age 5-7	3 weeks (7/12-7/30)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	STEAM Lab level 3a	Age 5-7	3 weeks (8/2-8/20)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	STEAM Lab level 4b	Age 8-11y	3 weeks (6/28-7/16)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	STEAM Lab level 5a	Age 8-11y	3 weeks (7/12-7/30)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	STEAM Lab level 6a	Age 8-11y	3 weeks (8/2-8/20)	Mon-Fri	1:30-2:30PM	$525/ 15 classes including materials
	Structured creative	Age 6-12	10 weeks	Monday	11:30AM-12:30PM	$150/

	building - Science exploration					10 classes
	Structured creative building - Brick art	Age 6-12	10 weeks	Wednesday	11:30AM-12:30PM	$150/ 10 classes
	Escape Room	Age 6-12	10 weeks	Monday	4:00-5:00PM	$150/ 10 classes
	Scratch I (Beginner)	Age 7 and up	10 weeks	Wednesday	4:30-6:00PM	$350/ 10 classes
	Scratch II	Age 7 and up	10 weeks	Thursday	4:30-6:00PM	$350/ 10 classes
	ScratchIII	Age 7 and up	10 weeks	Friday	4:30-6:00PM	$350/ 10 classes
	Python I (Beginner)	Age 9 and up	10 weeks	Monday	4:30-6:00PM	$350/ 10 classes
	Python II	Age 9 and up	10 weeks	Tuesday	4:30-6:00PM	$350/ 10 classes
Little Kids Class	**Ballet/ Jazz**	Age 3-6	8 weeks (no class 7/26-8/8)	Tue, Thur	5:15-6:00PM	$240/ 16 classes
	Little STEM Star	Age 4-7	10 weeks	Tue, Thur	11:30AM-12:15PM	$300/ 20 classes
	Montessori A	Age 3-5	10 weeks	Mon-Fri	9:30-10:15AM	$750/ 50 classes
	Montessori B	Age 3-5	10 weeks	Mon-Fri	11:00-11:45AM	$750/ 50 classes
	Little Beethoven	Age 3-5	10 weeks	Mon, Wed	4:00-4:45PM	$300/ 20 classes
English	**Guided Reading Program I**	G1	10 weeks	Tue, Thur	11:30AM-12:30PM	$700/ 20 classes
	Guided Reading Program I	G2	10 weeks	Mon, Wed	10:15-11:15AM	$700/ 20 classes
	Guided Reading Program III	G3	10 weeks	Mon, Wed	11:30AM-12:30PM	$700/ 20 classes
	Guided Reading Program IV	G4	10 weeks	Mon, Fri	2:45-3:45PM (Mon)	$700/ 20 classes

					9:00-10:00AM (Fri)	
	Guided Reading Program V	G5	10 weeks	Mon, Wed	9:00-10:00AM	$700/ 20 classes
	Guided Reading Program VI	G6	10 weeks	Tue, Thur	10:15-11:15AM	$700/ 20 classes
	Guided Reading Program VII	G7-G8	10 weeks	Tue, Thur	9:00-10:00AM	$700/ 20 classes
	Creative Writing I	G1	10 weeks	Thursday	1:30-2:30PM	$350/ 10 classes
	Creative Writing II	G2	10 weeks	Friday	1:30-2:30PM	$350/ 10 classes
	Creative Writing III	G3	10 weeks	Friday	2:45-3:45PM	$350/ 10 classes
	Creative Writing IV	G4	10 weeks	Wednesday	1:30-2:30PM	$350/ 10 classes
	Creative Writing V	G5	10 weeks	Thursday	2:45-3:45PM	$350/ 10 classes
	Creative Writing VI	G6	10 weeks	Tuesday	1:30-2:30PM	$350/ 10 classes
	Creative Writing VI	G7-8	10 weeks	Tuesday	2:45-3:45PM	$350/ 10 classes
	Public Speaking I	K and up	10 weeks	Tuesday	10:15-11:15AM	$350/ 10 classes
	Public Speaking I	K and up	10 weeks	Thursday	10:15-11:15AM	$350/ 10 classes
	Public Speaking II	G2 and up	10 weeks	Tuesday	11:30AM-12:30PM	$350/ 10 classes
	Public Speaking II	G2 and up	10 weeks	Thursday	11:30AM-12:30PM	$350/ 10 classes
	Public Speaking III	G4 and up	10 weeks	Tuesday	9:00-10:00AM	$350/ 10 classes
	Public Speaking III	G4 and up	10 weeks	Thursday	9:00-10:00AM	$350/ 10 classes
Music & Art	**Singing for Fun (Broadway I)**	K and up	10 weeks	Tuesday	4:00-5:00PM	$250/ 10 classes

	Sing like a pro, with a pro (Broadway II)	Age 8-12	10 weeks	Tuesday	2:45-3:45PM	$250/ 10 classes
	Ukulele I (Beginner)	Age 7-12	10 weeks	Thursday	4:00-5:00PM	$180/ 10 classes
	Ukulele II	Age 7-12	10 weeks	Thursday	2:45-3:45PM	$180/ 10 classes
	Piano	Age 4.5-7	10 weeks	Wednesday	2:45-3:45PM	$180/ 10 classes
	Hip-Hop/Jazz	Age 6-10	8 weeks (no class 7/26-8/8)	Monday	1:30-2:15PM	$120/ 8 classes
Chess & Puzzles	**Chess for Tots Class**	Age 4-6	10 weeks	All week around	Multiple available schedules (45min)	$300/ 10 classes
	Chess Jumpstarters Junior	Age 6-9	10 weeks	All week around	Multiple available schedules (60min)	$300/ 10 classes
	Chess Jumpstarters	Age 7 and up	10 weeks	All week around	Multiple available schedules (60min)	$300/ 10 classes
	Chess Challenger	Age 7 and up	10 weeks	All week around	Multiple available schedules (60min)	$300/ 10 classes
	Chess Star	Age 8 and up	10 weeks	All week around	Multiple available schedules (60min)	$450/ 10 classes
	Rubik's cube	Age 7 and up	4 weeks (7/26-8/20)	Tue, Thur	2:45-3:45PM	$120/ 8 classes
Others	**Cooking Class**	Age 7 and up	10 weeks	Friday	2:45-3:45PM	$100/ 10 classes
	Virtual field Trip	Age 5-12	10 weeks	Friday	10:15-11:15AM	$150/ 10 classes

Registration Information

- **$25 per referral**
- **5% Early bird discount before 4/19， coupon code: early5**
- **5% siblings discount**
- **$30 off when registering 3 or more classes, coupon code: thanks30**

Website： www.hanacademynj.com
Phone：908-350-6000
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Han Academy

2021 VIRTUAL SUMMER CAMP

GUIDED READING WORKSHOP

Instructed at grade-level
6/21 - 8/27 (twice a week)

Guided Reading

Reading Comprehension

Presentation

What is Guided Reading?

Guided reading is a context in which the teacher supports each reader's development of effective strategies for processing novel texts at increasingly challenging levels of difficulty, which, in simpler language, means small-group reading instruction that allows the teacher to lead students forward with intention and precision. As a result, students are able to process increasingly challenging books with fluency and comprehension.

To Begin the Shared Writing Process with Students

The writing process in Guided reading has a lot of moving parts, students learn to make the connections to what they are learning. Writing requires students to communicate with classmates, and interact with the teacher about what is being read, sequence, and support big ideas with examples.

Teachers facilitate students' understanding of the connections between what students are reading to their writing.

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2021 VIRTUAL SUMMER CAMP

CREATIVE WRITING

Instructed at grade-level

6/21 - 8/27 (once a week)

High Order Thinking Skills

Imagination

Creativity

What do the students learn in this class?

In this course, students will have in-class writing assignments, but the bulk of the grade generally depends on writing several short, or a few longer, academic papers. These may be reflections on required readings, critical inquiry into questions raised by the course material, or individualized research papers. In most classes, students should expect to give and receive peer critiques of their work, and to turn in one or more revisions of the original paper. Each stage of the writing process helps students perfect writing skills and improve student performance and beyond. The requirement of "multiple assignments" is central to the philosophy of writing-to-learn, in which writing assignments give students experience writing as well as opportunities to develop understanding and increase learning of course material through writing.

Objectives?

Upon completion of a writing-intensive course, students should be able to:

- Use the process of writing, including pre-writing and revision strategies;
- Support their ideas in writing with specific details and evidence;
- Structure their ideas in an organized format;
- Edit their writing according to the rules of standard academic English;
- Evaluate their sources for credibility and academic appropriateness;
- Employ techniques for integrating information, such as paraphrasing, summarizing, interpreting, and quoting;
- Exhibit the ability to think critically;
- Demonstrate, through their writing, familiarity with the College's standard, evaluative writing rubric.

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2021 VIRTUAL SUMMER CAMP

PUBLIC SPEAKING

Mr. Gordon works at a top private school in NJ. He teaches Dramatic Arts, Communication, and English. He has years of teaching experience and is specialized particularly in teaching public speaking skills.

The goal in teaching public speaking is to provide students with a safe and comfortable environment where they can experiment with their communication skills to build the foundation for strong oratory. Self confidence is the key to success in this field, and the teacher believes that every child is capable of delivering a strong speech, monologue, or reading when that student develops an understanding of his or her personal strengths when addressing an audience. Additionally, in this class the instructor teaches the students techniques for vocal projection, body language awareness, fluency, diction, cadence, and pace. The teacher also work with students on how to make a speech or story crescendo at the right moments for maximum impact on an audience. Public speaking is a skill that every child has the ability to develop when guided in a positive method that reinforces good habits and establishes attainable norms that can be used toward all future public speaking opportunities.

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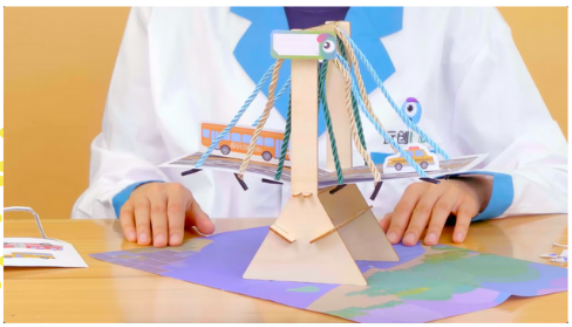
2021 VIRTUAL SUMMER CAMP

STEAM-LITTLE INVENTORS

	L1 Transition from kindergarten to primary school	L2 Adaptation period in school	L3 Habit forming stage	L4 Intellectual breakthrough period	L5 Formative period of abstract thinking	L6 Consolidation period from primary school to middle school
	GROWTH STAGE 5-12 YEARS OLD					
Growth needs	Happy accompany Interest enlightenment Primary social relationships Self-expression	Starting friendship Team recognition Curiosity germination	Time planning Mindfulness training	Personality formation Hands-on exploration Diversification attempts	Knowledge expansion Sense of achievement Imitating and understanding	In-depth exploration of projects Knowledge storage Thinking structure
	SCIENCE + TECHNOLOGY + ENGINEERING + ART + MATHEMATICS					
Knowledge training	Plants and animals Light and sound Universe and stars Measurement and unit Body organs	Plants and animals Earth movement Material structure Celestial bodies motion Bionics enigeering	Airflow Animal bionics Weather and meteorology Architectural engineering Heredity and evolution	Force and energy Structure engineering Lever tools Microbial world Body organs Celestial bodies motion	Material construction Electricity and energy Solar energy Celestial bodies motion Food and nutrition Plants and photosynthesis	Material construction Tools and gears Speed operation Extraterrestrial Research Protein and DNA
Ability training	Curiosity Scientific Observation Creativity Independent Thinking	Understanding causality Using tools Scientific reading Writing skills	Language and cognition Endurance/concentration Generalization and summarization	Process rules： Fine motor control Feature induction Classification summary	Logical thinking Reasoning Integration Teamwork	Abstract Ability to analyse Self-control Teamwork Detailed operation
	ABILITY OF ATTRIBUTION + ABSTRACT + ABILITY TO SOLVE PROBLEMS					
High level thinking	Inductive thinking Transformative thinking	Reverse thinking Corresponding thinking	Symbolic thinking Graphic thinking	Symbolic-graphic combination Analogical thinking	Steps thinking Substitution thinking	Orderly minds Variable thinking



Fun Math for Competitive Learning

Successful learning of math is NOT just memorizing the pattern of solutions for the giving problems. Instead, it is a "training" process to lead the path to solve problems, and it is a "re-learning" from history of how/why the problems are originated, solved and what are still ahead of us.

Intensive Fun Math Summer III

Three Components of Fun Math for Competitive Learning

Read & Expressing | Research & Thinking | Practice & Advancing

Path to Mastering Math

Define Problem → Math Concept → Research → Trial & Error → Practice → Master

Class generally is suitable for **age group 8-10, recommended grade 3-5.** Other age or grade students can be acceptable depending on results of placement exam. Each *Class is 45 min long and is limited to max 10 students to ensure interactions and quality of learning.*

Topics		
1	Multiplication problems in depth	Comprehension of multiplication in word problem, multi-step problems , applying associative and distributive property for multiplications, tips of multiplications
2	Exponential	Introduction the concept of squares, cubes, large numbers, and exponentials.
3	Long division, and divisibility	Long division practice, tips about divisibility
4	Factor and Divisibility	Understanding concept of factor, common multiple, divisors and their uses in real lifes
5	Fraction	Introduction of basics of Fraction, through geometry and shape division
6	Proportion and Measurement	Concept of division, quotient, divisor, remainder ..etc, the basics
7	Geometry	Introduction of point, line, and basic 2D shapes and characteristic,
8	Special Geometry	Introduction of graph theory, Euler problems, math and art
9	Triangle, Polygons and Engineering	Understanding more of 2D polygons and related simple engineering examples
10	Geometry and Perspective	Understanding how the geometry plays role in drawing and arts

Note: The class is designed for students that are interested in advanced math learning and higher achievement, and not designed for students following regular common-core schedule. The supplementary materials are provided by instructor with mixture of "Math for Gifted Kids", "Arts of Problem Solving", and materials for "Math League". Teacher will also provide other online videos and online reading materials. The instructors blend competitive math problems with interesting history of math, the student will be able to gain extra knowledge of math concept but also understand the origination of the math related to real life problems.

Fun Math for Competitive Learning

Successful learning of math is NOT just memorizing the pattern of solutions for the giving problems. Instead, it is a "training" process to lead the path to solve problems, and it is a "re-learning" from history of how/why the problems are originated, solved and what are still ahead of us.

Level IV

Three Components of Fun Math for Competitive Learning

Read & Expressing | Research & Thinking | Practice & Advancing

Path to Mastering Math

Define Problem → Math Concept → Research → Trial & Error → Practice → Master

Class generally is suitable for **age group 10-12 or recommended grade 5-6.** Other age or grade students can be acceptable depending on results of placement exam. Each *Class is 1.5 hour long and is limited to max 10 students to ensure interactions and quality of learning. After-class assignments are supplemented with significant amount of materials of reading and practices*

Topics		
1	Counting & Base systems	Introduction of different counting base systems, practice and resolve problems with different base systems and understand differences.
2	Numbers and Series	Advanced topics related to number series, learn expression with notation;
3	Number Series with Fractions	Advanced number series with fractions, understanding numeric approach
4	Ratios & Proportion	Describe ratio in the context of design, measurement and scaling, further into interesting topics such as golden ratio and nature or histories related to this.
5	Permutation	Introduction of permutation and combination
6	Probability	Introduction of concept of probability, randomness and the basics with real life examples
7	Algebra	Train to use variables and set equations for complex problems such as linear algebra, quadratic equations .etc
8	Euler and Graph Theory intro	Fun with Euler and Graph Theory to solve modern math problems
9	Programming intro	Programming introduction with Python for Math problem
10	Programming with graphs	Learn cartesian system and how to generate graph with functions in Python

Note: The class is designed for students that are interested in advanced math learning and higher achievement, and not designed for students following regular common-core schedule. The recommended supplementary materials include book series of "The Art of Problem Solving", and competitive math training material related to "Math League" . Our instructors blend competitive math problems with interesting history of math, the student will be able to gain extra knowledge of math concept but also understand the origination of the math related to real life problems.

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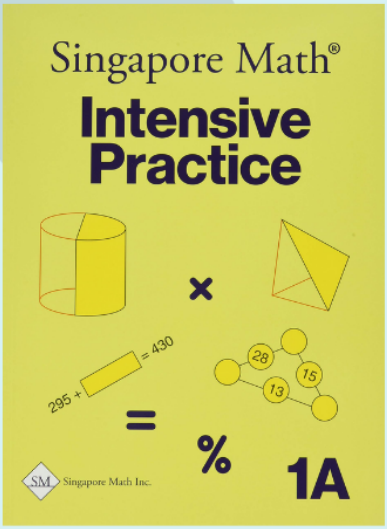
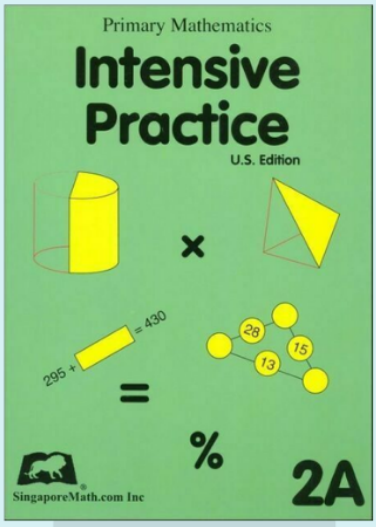
2021 VIRTUAL SUMMER CAMP

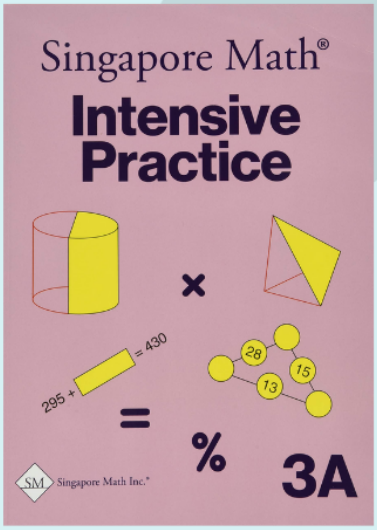
SINGAPORE MATH

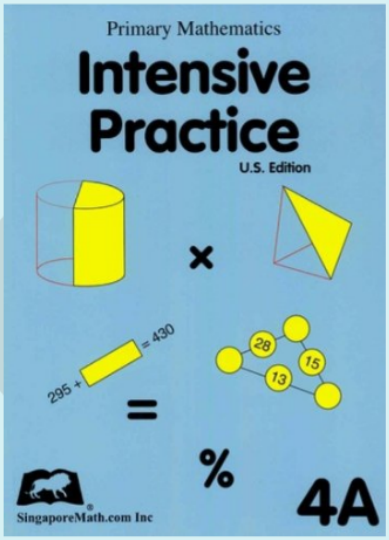
Grade 1-6 texbook:

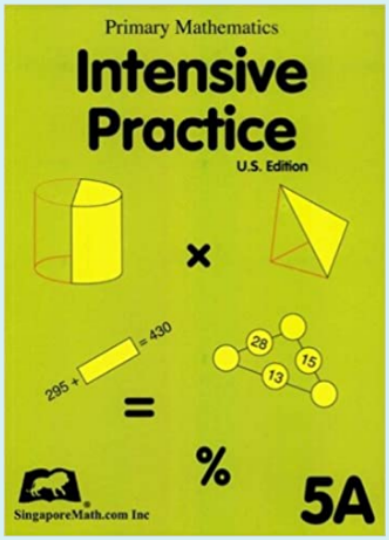
- Singapore Math Intensive Practice A

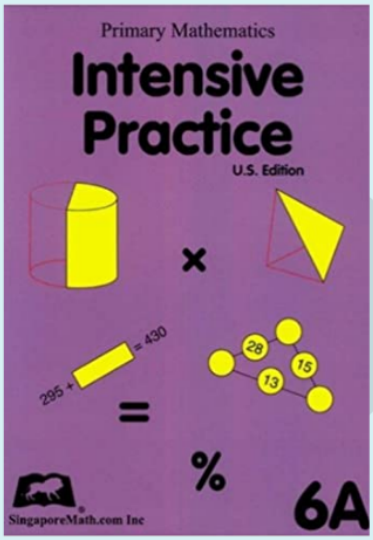












Han Academy

2021 VIRTUAL SUMMER CAMP

SCRATCH

Easy to follow and fun to learn

Instructor: Mr. Costa

Graduated from California Institute of Technology (Caltech) with double majors in Computation/Neural Systems and Business. He is passionate and experienced in teaching young kids Python/Scratch as an expert of programming languages and machine learning applications.

Class Description

This class will accommodate students of varying levels of proficiency with Scratch, a block programming language. Most students will receive assignments for each session based on their skill level. Those who are sufficiently advanced can create their own ideas, subject to the teacher's approval. The projects can range from simple animations to fully integrated games and other applications, with the goal being that they learn and have fun at the same time!

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Class Description

This class will introduce students to Python, a computer programming language designed to be easy to learn and read. We will begin by installing the language and its required components and then learning its syntax. Next, we will learn how to create variables and data types, as well as statements and loops in order to build simple programs. We will also learn the importance of documentation and the various ways to do it in Python. Finally, we will get into functional and object-oriented programming to allow students to begin making more advanced applications.

Han Academy

2021 VIRTUAL SUMMER CAMP

CHESS CLASS

Tots . Junior . Jumpstarters . Challengers . Stars

Chess Max Academy is one of the leading Chess schools in NYC, led by World Chess Champion Grandmaster Maxim Dlugy. The academy located on Upper East side of Manhattan has 15 National and one World Chess champion students in the last 4 years. Chess Max Academy Provides FREE Online Homework & Practice for Han Students.

Chess is the classic game that develops spatial thinking and strategies and builds focused concentration. Taught by a certified chess instructor, the class is geared for different level of chess players.

Han Academy

2021 VIRTUAL SUMMER CAMP

BROADWAY SINGING

Mr. Danley

Mr. Danley is a Music director for cabarets, concerts and revues throughout the US. He worked as music director/vocal coach/accompanist at AMDA since May of 1993. He performed at Carnegie Hall (twice) with actress Kim Zimmer in Broadway.

The class will teach you how to sing songs you love using proper and effective techniques while having fun learning the wonderful instrument of your voice. Starting with helping you identify your range and learn the correct forms of breathing and posture, Mr. Danley will work with each student on technical skills such as sight reading, vocal warm-ups, and vocal anatomy. Join us and have fun re-discovering your favorite songs and let our instructor bring out the best in your voice. Three age group classes will offered.

Level I: Singing for fun (K and up)
Level II: Sing like a pro, with a pro (8-12)

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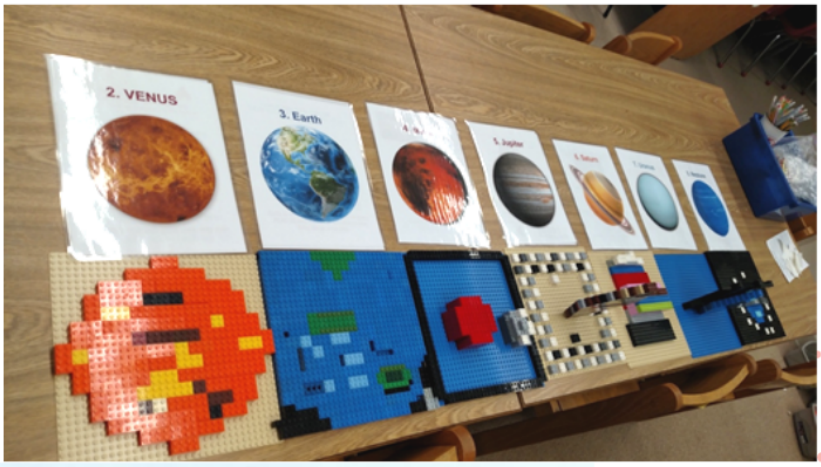
2021 VIRTUAL SUMMER CAMP

Snapology

STRUCTURED CREATIVE BUILDING - SCIENCE EXPLORATION

Does your child love to experiment and ask questions about the world around them? If so, it sounds like you already have a little scientist on your hands! Snapology's Scientists program helps children explore their curiosities and cultivate a deep love for science by experiencing the different domains of scientific study. Students will engage with concepts from the fields of astronomy, earth science, biology, chemistry, and physics using LEGO® bricks and other interactive learning tools. We make science fun, exciting, and approachable at Snapology! SUPPLIES: Loose LEGO® Bricks of any color and shape, Blank Paper, Pencil.



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2021 VIRTUAL SUMMER CAMP

Snapology

STRUCTURED CREATIVE BUILDING - BRICK ART

Edgar Degas, a famous artist, once said, “Art is not what you see, but what you make others see.” As your child learns about different types of art and the periods in which they were created, students will also be interpreting what they see and creating their own works of art out of LEGO _bricks. In Snapology’s Brick Art and Design Lab class, children will draw inspiration and guidance from great works of art like Da Vinci’s “Mona Lisa,” Van Gogh’s “Starry Night,” Wright’s “Falling Water,” and so many more! By the end of the experience, your child will be able to not only share information about famous artists, art forms, and art movements, but create their own unique works of art that reach beyond the past and into the future. SUPPLIES: Loose LEGO® Bricks of any color and shape, Blank Paper, Pencil.

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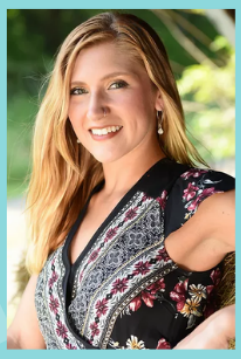
2021 VIRTUAL SUMMER CAMP

DANCING CLASS



Renée Quickstad is entering her fifth year as director and owner of Love of Dance Studio (formally Laura's Dance Studio). She is a graduate of Montclair State University with a BFA in Dance, a BA in Family and Child Studies with a concentration in Family Services and a Minor in Psychology.

Hip Hop/Jazz (Age 6-10)

Combining the hard - hitting steps of hip hop with the technical turns and leaps of classical jazz; this class offers a unique mix of both styles. Students are challenged to think on their feet while enjoying an energetic and fast - paced dance class. The hip hop portion of the class will focus on isolations of the body, footwork, freestyle (imp rovisation) and rhythm. The Jazz portion of the class emphasizes proper alignment, leaps, and turns. Students will focus on improving proficiency in both genres by learning fun and fast paced choreography catered to all levels. This high energy class allow s for students to express their individual personalities.

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2021 VIRTUAL SUMMER CAMP

UKULELE CLASS

Ukulele is loved by children for its amazing suitability and ease of chords playing. Within their first few classes children with the finger dexterity to press the strings firmly can learn their first chord and play nursery rhymes already familiar to them! This summer, Han Academy offers Ukulele online class for kids age from 7-12,

Our teacher, not only is a senior musician from Wharton Music Center, but also has years of teaching experience in elementary settings and a gift for making instrument engaging for children.

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2021 VIRTUAL SUMMER CAMP

ESCAPE ROOM

Snapology Virtual Escape Experiences

The Big Idea

In the virtual version of the Escape Snapology program, students will work in small groups to read through a themed story and then solve theme-specific puzzles in and online setting that will lead them on a journey with a final objective. They will be timed and challenged to finish the journey in the allotted time!

You will need

1. Pen and Paper
2. Teamwork
3. Creative and Critical Thinking

Themes

- Avengers
- Escape from School
- Fortnite
- Hackers Take the Hubble
- Harry Potter
- Minecraft
- Pokémon
- Search for the Golden Ankh
- Spy Mission
- Star Wars

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2021 VIRTUAL SUMMER CAMP

PIANO

Mrs. Joyce is not only a senior musician from Wharton Music Center, but also has years of teaching experience in elementary settings and a gift for making instrument engaging for children. Mrs. Joyce is a music therapist and an early childhood music specialist. She received the Department of Music David Ott Scholarship and Outstanding Teacher Award While at Montclair State University.

This group learning allows each student to explore the piano in a warm and encouraging environment along with their peers. This class is limited to 6 students and are an excellent entry point for studying a musical instrument. These fun virtual group classes for ages 4.5-7 engage students in playful rhythms, movement, melodies, and musical activities while developing the skills necessary for performance: posture, concentration, coordination, and correct technique.