2022 HAN ACADEMY WINTER/SPRING PROGRAM

Jan 3 - Jun 12

Grade K-6 Program

Onsite

- Essence of Reading
- Creative Writing
- Robotics
- Mandarin Chinese
- Singapore Math
- Scratch
- Python
- STEAM Lab
- Hip-Hop/Jazz
- Art
- Table Tennis
- Indoor Soccer
- Indoor Tennis movement

Online

- English Language Arts
- Mandarin Chinese
- AOPS Fun Math
- Gauss Math
- Singapore Math
- Scratch
- Python
- STEAM Lab
- Broadway Singing
- Art
- Chess

Han Academy

432 SPRINGFIELD AVE, BERKELEY HEIGHTS, NJ 07922
WWW.HANACADEMYNJ.COM
908-350-6000

2022 HAN ACADEMY WINTER/SPRING PROGRAM

Han Academy

Jan 3 - Jun 12

Ages 4-6 Program

Onsite
- Jr. Robotics
- Jr. Engineering
- Art
- Piano
- Indoor Jr. Soccer

Online
- Art
- Chess

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HAN ACADEMY 2021-2022
WINTER & SPRING

MULTI DISCOUNT

Early Bird Before 12/15

After School Programs

3:00 PM - 6:30 PM

Monthly Fees

5 days a week	$468.00/month
4 days a week	$408.00/month
3 days a week	$358.00/month
2 days a week	$298.00/month

- SCHOOL HOMEWORK
- MATH PRACTICE
- LIBRARY TIME
- FUN ACTIVITY
- SPACIOUS EVENT SPACE
- A LOT OF ENRICHMENT PROGRAMS

- EARLY BIRD DISCOUNT **5%**:
  COUPON CODE: EARLY5 BEFORE 12/15
- **5%** SIBLINGS DISCOUNT
- REGISTRATION FEE **$25** WAIVED IF YOU ENROLL THREE OR MORE CLASSES
- WE OFFER A **$25** REFERRAL FOR EVERY NEW FAMILY YOU BROUGHT AND REGISTERED WITH US.

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Han Academy

2021-2022 AFTER SCHOOL

THE ESSENCE OF READING

Instructed at grade-level

Reading Comprehension

Vocabulary

Grammar

Mr. Alleyne graduated from Brown University, and both of his two daughters graduated from Ivy League universities. He is currently a middle school English teacher, and the manager of AVID (advance via individual determination) Program, which is a college readiness program for training reading, writing, critical thinking, teamwork organization skills.

In this exciting and engaging course, students will read and interact intensively with literary works, particularly focusing on Caldecott Medals Books. Students will broaden his/her world view and understanding of self through learning about the interconnectedness between the themes of literature, psychology and explore human characteristics, such as charity, generosity and compassion. Students will be given safe opportunities to enjoy literature through interactive partner and group activities, compelling discussions, and a variety of mechanisms to explore and express their own perspectives and points of view.

Han Academy

2021-2022 AFTERSCHOOL

CREATIVE WRITING

Instructed at grade-level

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.

Han Academy

2021-2022 AFTER SCHOOL

AOPS FUN MATH

At Han Academy, we believe the math education is beyond memorizing the formulas and endless practices. 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. We are strong believers that Math is the most important skill set every kid should master, and the skill set should be developed from understanding the nature and the world surrounding us.

Our Ph.D math teacher Dr. Xu is teaching math by illustrating how math is used as a tool to express our understanding of the world. Through the class, kids will realize every formula has its own interesting origination and plays its own unique important role.

The supplementary materials are mixture of "Kumon Math workbook", "Math for Gifted Kids", "Singapore Math", "AoPS Math Curriculum". 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.

AoPS
Art of Problem Solving

Han Academy

2021-2022 AFTERSCHOOL

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!

Han Academy

2021-2022 AFTERSCHOOL

SCRATCH

Easy to follow and fun to learn

Scratch I Curriculum:

- Part 1 - Intro, Tutorials, and Account Creation
- Part 2 - Animate a Name
- Part 3 - Piano
- Part 4 - Clicker Game
- Part 5 - Pong
- Part 6 - Maze Game (Player, Controls, Destination, Wall Collisions)
- Part 7 - Maze Game (Path Tracing and Erasing, Scoring/Timing)
- Part 8 - Maze Game (More Levels, Enemies, Bonus Items)
- Part 9 - Maze Game (Sounds/Music, Level Skipping Button, and Other Ideas)

Scratch II Curriculum:

- Part 1 - Hide and Seek (High Score and Timer)
- Part 2 - Maze Game (Custom)
- Part 3 - Jumping Platformer (Vertically Scrolling)
- Part 4 - Snake
- Part 5 - Musical Instrument(s)
- Part 6 - Side-Scrolling Shooter
- Part 7 - 2-Player Fighting Game
- Part 8 - Racing Game (Single Player and/or Multiplayer)
- Part 9 - Multi-Level Platformer

Some parts may take multiple sessions

Han Academy

2021-2022 AFTERSCHOOL

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 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

2020 - 2021 AFTER SCHOOL

Easy to follow and fun to learn

Python I Curriculum:

- Part 1 - Intro, Installation, and Basic Operations
- Part 2 – Data Types and Syntax
- Part 3 – IF Statements, WHILE Loops, FOR Loops
- Part 4 – Functions, Classes, and Objects
- Part 5 – Building Functions: GCD, LCM, Factorial, Powers/Roots, Prime Numbers, Complex Numbers
- Part 6 – Exam Questions (3 Multiple Choice + Triangle Checker)
- Part 7 – Letter Counter
- Part 8 - Pascal's Triangle

Python II Curriculum:

- Part 1 – Reading and Writing Files
- Part 2 – Rock Paper Scissors + Number Guesser
- Part 3 – Cows and Bulls
- Part 4 – Tic Tac Toe
- Part 5 – Hangman (Words)
- Part 6 – Hangman 2 (Phrases/Sentences)
- Part 7 – Interactive Birthday Dictionary
- Part 8 – Birthday Distribution Plotter

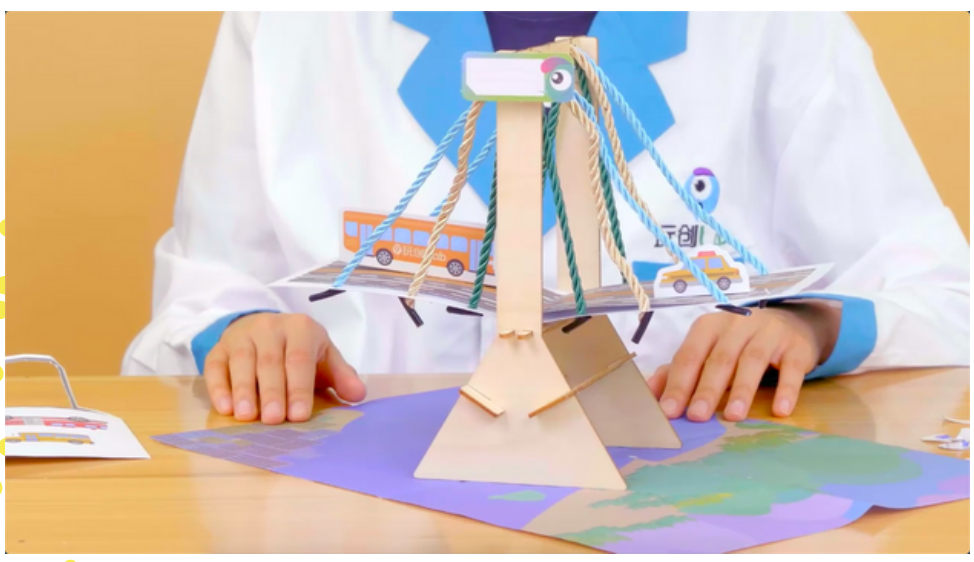
Some parts may take multiple sessions

Han Academy

2021-2022 AFTERSCHOOL

STEAM-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



Han Academy

2021-2022 ONLINE AFTERSCHOOL

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. Two age group classes will offered.

Level I: Singing for fun (K and up)

Level II: Sing like a pro, with a pro (8-12)

Han Academy

2021-2022 AFTERSCHOOL

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.