

课程及老师介绍（学术课程）

AC001

Scratch 高级班 适合 8 岁以上

带领孩子们用 Scratch 做有趣的游戏，每 2-3 节课完成一个游戏，同时将指导每个孩子在课外独立完成一个自己编写的游戏或动画。**必须已经学过 Scratch 至少一年，能够熟练运用 clones.**

王佳岚老师执教 Scratch 五年，喜爱编程，教学经验丰富，深受学生和家长的认同。

AC002

Python 适合 9-10 岁

这是一个零基础 project based 的课程。希望通过这 8 周的时间，能够完成 4-5 个 python project。同学们可以通过这 4-5 个 project 了解一些编程的基础概念，比如输入、输出、函数、数据结构和类型以及对象和类。**Very hands-on, 同学们要再上课的时间一起写几个小程序。**

池澄老师在 IBM 从事研究工作，现担任中文学校 python 大班老师。池老师致力于培养同学们的编程兴趣和解决问题的能力。

AC003

Singapore Olympiad Math Grade 3-4

The purpose of this class is to introduce different types of mathematical problems and coach students how to apply different thinking skills to each problem types and gradually break certain mindsets in problem solving.

Peter Shao: As a lifelong learner, Peter has always taken great joy in mastering new concepts and helping others to do so as well. He graduated from McGill University with a major concentration in Computer Science and a minor in Anthropology. He is currently looking at schools to pursue a Masters degree and preparing for the GRE.

With regards to his tutoring style, he stresses the importance of being able to understand the same problem from a variety of perspectives. "In school, students are too often taught a single, formulaic approach, leading them to try to memorize a sequence of steps rather than understand the principles at work," he says. "It's important to show the student that while the solution may be unique, there are almost always multiple paths to reach it. This mental flexibility is especially valuable on standardized tests like the SAT, where time management is key, and the most obvious strategy may not necessarily be the fastest."

Outside of tutoring, Peter is an avid skier. He was a member of the McGill Ski Club and returns to Montreal every winter to ski with his college friends.

AC004

Singapore Olympia Math Grade 5-6

The purpose of this class is to introduce different types of mathematical problems and coach students how to apply different thinking skills to each problem types and gradually break certain mindsets in problem solving.

Peter Shao: As a lifelong learner, Peter has always taken great joy in mastering new concepts and helping others to do so as well. He graduated from McGill University with a major concentration in Computer Science and a minor in Anthropology. He is currently looking at schools to pursue a Masters degree and preparing for the GRE.

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AC005

初中科学奥林匹亚介绍 6-8 年级（暑假后） 10-13 岁

Introduction of Science Olympiad for Middle schoolers (Division B)

The course will introduce the general subjects for Science Olympiad 2021, including events in life, personal & social science, earth and space science, physical science and chemistry, technology and engineering. Based on students interests, we will focus on 1-3 individual events. The course is to give an overview of Science Olympiad competition, and is suitable for students who are interested in participating Science Olympiad for the first time in 2021.

Hoping to cultivate students' interests in science, Qingyan Hu has been coaching middle school Science Olympiad (division B) for 3 years.

胡青燕老师辅导了 3 届初中生科学奥林匹亚竞赛。学生多次在地区和纽约州竞赛中获奖。

AC006

机器人编程初级班 4-7 年级（暑假后） 9-12 岁

这个课程上我们会学习如何用 LEGO Mindstorm 为机器人编程。LEGO Mindstorm 采用图形编程界面，类似于 Scratch，适合没有编程基础（或者有 Scratch 编程基础）的低年级孩子。课程以教授编程基础和机器人设计组装为主线，以小 project 为节点，寓教于乐，争取在结业时让每位同学达到 FLL 比赛要求。

每位同学需要准备一个 LEGO Mindstorm 机器人（family 或者 education 版），一台电脑。

黎明老师执教 FLL 机器人比赛两年，Scratch 和 Python 编程课三年，Python 机器人课半年。有较丰富的编程课经验，懂得如何与 6-13 岁学生课堂互动。

AC007

生活中的数学物理

运用数学和物理知识来解释和理解自然和生活中的各种现象。以此激发学生对学习数学和科学的热情。需要有 **pre-algebra** 程度的数学知识。

杨清波老师有丰富数学物理辅导经验。重视基本概念和思想方法，强调学以致用。

AC008

法语口语和听力训练班

对学生进行基础的法语听力和口语训练，以及必要的语法讲解，提高孩子们学习法语的兴趣和口语对话能力。必须有至少一年在校法语学习经历。

余珊老师具有十多年在法国高等院校学习、工作的经历，并获得法语高等文凭。在纽约哥伦比亚大学及 HXNYC 执教多年。教学经验丰富，深受家长学生认同。

AC009

英文写作 适合 10-12 岁

This course will teach students a better appreciation of creative and practical writing. We will work to build a foundation for grammar and improving vocabulary, and then we will practice writing in various genres from non-fiction to fantasy. We will have very short assignments every class that are *extremely fun*, and I will provide constructive criticism for each of them.

DeeAnn Guo is a senior at Brown University and an English Language Learning (ELL) teacher for 7 years. Ms. Guo has been co-teaching HXNYC Scrabble class for 3 years. Very flexible and encouraging teaching style, Ms. Guo believes that everyone can always become a better writer and communicator!

AC010

英文写作 适合 12-14 岁

This summer crash course in English reading and writing aims to help students gain insight and understanding of techniques and skills within the English language; to cultivate effective study strategies for improving English proficiency catered specifically to each student; and to obtain crucial, practical skills in reading and writing with life-long applications, such as an extensive preview into SAT style reading and writing that students must master in their near future.

王思博, Sibow Wang, graduated from the UPenn with a Bachelor of Arts in double majors: International Relations, and Music. With a vast experience regarding the SAT and other standardized exams, as well as having recently aced the GRE exam with outstanding scores.

AC011 (新增课程)

法语入门 适合零基础或初学者

对学生进行基础的法语听力和口语训练，以及必要的语法讲解，提高孩子们学习法语的兴趣和口语对话能力。

余珊老师具有十多年在法国高等院校学习、工作的经历，并获得法语高等文凭。在纽约哥伦比亚大学及 HXNYC 执教多年。教学经验丰富，深受家长学生认同。