

COURSE DESCRIPTIONS

Kung-Fu Zen (功夫禅)

Lessons in this class are built to enhance a child's physical and social development. Students will learn physical, technical as well as historical and philosophical aspects of traditional Kung-Fu. The rigorous workout will cover the basic fundamentals of kung fu: stretching, breathing, stances, kicking, punching, and mental focus. Respect and discipline through the vehicle of Kung-Fu will be developed. Please note a materials fee of \$58 is due on the first day of class. The fee covers the class uniform including T-shirt, Pants and shoes.

Instructor: Shaolin Kungfu Zen (少林功夫禅)

Go (围棋)

The game of Go originated at least 2500 - 4000 years ago in ancient China. It is one of the Chinese quintessence. It provides brain training; develops logical and analytical thinking, cultivates patience as well as perseverance. This course will teach children how to prioritize, strategize through placing the black and white pieces on the Go board which promotes concentration and focus in this hectic world.

Instructor: Mr. Joe Lee is the amateur chess master, he has a rich experience in Go teaching and been involved in promotion of young chess art in recent years.

Drawing (儿童绘画)

Teach and help children to find out the beauty of world, from the simple lines and colors to learn the basics of art drawing also stimulate children's creative minds to use his/her unique gift in art. Students complete one new drawing each week and learn a variety of art concepts including portraiture, still life, line and patterning, perspective, color theory and art vocabulary.

Instructor: Qi Zhou- Ms.Zhou had over 15 years of Fine Art teaching experiences in Art Academy, elementary school and preschool, both in China and US. She is also very experienced in teaching to a broad age range from toddlers to teenagers. Her teaching specialties include child imagination painting, traditional Chinese painting, water-color, sketch, handcrafting and Chinese calligraphy.

Soccer & Basketball Class (足球 & 篮球)

Using our professional curriculum, Skyhawks staff will ensure your young athlete will gain the technical skills & sport knowledge required for their next step into soccer. This program focuses on dribbling, passing, shooting and ball control. By the end of the class, your child will have learned new life skills such as teamwork and sportsmanship, made new friends, and improved their sport skills preparing them for play in the playground or league play!

Instructor: SkyhawksSport - Skyhawks Sports started as a regional soccer program focused in the Pacific Northwest. The popularity of the camps grew as the years went by, and some amazing athletes and wonderful individuals emerged. The Skyhawks Sports soccer-focused camps emphasized critical lessons in life, such as sportsmanship, teamwork, and winning and losing with grace.

Dance (舞蹈)

Chinese dance, Ballet, and Modern dance will be introduced. Students will explore movement, space and rhythm. The goal is to help students improve flexibility; develop proper balance, body posture, coordination, dance fundamentals and performance skills. Students will complete one dance at the end of the session. The class also helps students build confidence in an atmosphere of fun and learning.

Instructor: Jiwen Dong – Ms. Dong graduated from Beijing Dance Academy, with major in Chinese folk dance. She later furthered her studies and became an instructor at Beijing Music and Dance School. She is an instructor in International Performing Arts Center at Cupertino.

Science Workshop (科技制作)

Schmahl Science Workshops EXPLODES the myth that science is dull. Our instructors are talented scientists and engineers who engage Students' curiosity, imagination and creativity using a fun, hands-on approach. Students learn to apply the scientific process as well as core scientific principles, all the while making exciting new discoveries.

Instructor: Schmahl Science Workshops .Founded in 1996 by a group of four children and their parents, Schmahl Science Workshops provides pre-K through 12th grade children with an unmatched breadth of hands-on science workshops spanning biology, chemistry, earth science, forensics, math and physics. Our mission is to prepare children of all backgrounds for a future in which science and technology will drive every industry and vocation. We believe that children are motivated to learn when their ideas are cultivated through the joy of designing and carrying out an experiment. Through these authentic research experiences, our workshops enable students to explore and invent what inspires them, and to develop the skills needed to achieve success in all areas of their lives.

Chess (国际象棋)

Numerous studies over the past 40 years show that chess improves standardized test scores in reading and math, improves memory, develops logical thinking, promotes imagination and creativity and teaches independence. But most important of all, kids have fun! The chess class teaches the game of kings in a unique, fun and engaging way. Kids will learn everything from basic piece movement to advanced tactics, with lessons tailored to suit students of all skill levels.

Instructor: Castling Kids Chess Academy. – Castling Kids is directed by Abel Talamantez, a former nationally-ranked scholastic player who is currently rated in the top 7% of players nationally by the United State Chess Federation (USCF). He has over 25 years of chess playing experience and has played in numerous national tournaments and events. He is also a certified Tournament Director. Abel holds a degree in Political Science from the University of California at Berkeley.

Beginning Lego-Robotics (乐高机器人)

Every child likes Lego. Every child likes robot. During this course, students will be able to build Lego robots and write program to control them, which will make them feel they can really create something magnificent. Students will learn graphic programming, Loop and branch, multitask, motor control, straight movement Display Sound, Color, Ultrasonic, Gyro, and Touch sensor, Variable and data passing, Debug Mechanical structures and much more. We emphasize on project based learning. Students need to finish projects by themselves to make sure they have mastered the related content. Video recording of finished projects along with the progress sheet will be provided to parents to review. Students are ready to attend FLL competition to show their creativity and problem solving skill.

Advanced Lego-Robotics (乐高机器人)

Advanced class is for those who have known the basic of the EV3 and want to get deeper knowledge of EV3. This class will cover the following: My block, File, Remote control, Use EV3 as a tool for science research, Advanced navigation, Proportional control, Detachable, power train design, Design process, Design consideration, Delay and timing, Synchronization. Students will use what they have learned and their imagination to create awesome robots. Students in advanced class will be able to attend FLL competition.

Instructor: Mr. Yong Tang Obtained Master degree of Microelectronics in Tsinghua University. As a senior hardware and system engineer, he had worked in Cisco and several startups for many years. Now he is focusing on youth STEM education. He has taught Lego robotics class for multiple after schools in Bay area, including Claude Intl School, Genius Kids Club, Le Shan Chinese School etc and has been a coach for two FLL teams.

Instructor: Mr. Weile Wang Obtained Ph. D of geophysics in Boston University. As a NASA scientist, he is advocate of STEM education. He has taught and coached multiple FLL teams and classes for many years.

Math Olympiad Preparation (奥数预备班)

Math Olympiad preparation course helps to develop students' intelligence, promotes mathematical thinking, and improves application of knowledge through math logic training. Students will be introduced to sample questions step by step, from easy to complicated examples. We will focus on cultivating students' mathematics ability, mainly, the ability to calculate, think logically and imagine space. Through training, students will gradually learn to analyze, synthesize, classify, abstract, analogy and other important methods of thinking. Most importantly, students will develop scientific and mathematical habit of thinking, which will be great help to their future learning.

Instructor: Mr. Zhenke Jiang has served as a public school math teacher for more than 20 years in China. As a senior math teacher, he was the math coach for the twelfth "Hua Luo Geng Cup" math tournament and had won first prize during young math teacher problem solving Competition in Guangzhou. Since teaching, Mr. Jiang has been coaching Elementary Math Olympiad and "Hua Luo Geng Cup" math tournament for years, his students had won many prizes including both group and individual awards in Guangzhou.

Math Olympiad & AMC8 (初级奥数、中级奥数和AMC8)

Does your child want a little more excitement and challenge from Mathematics other than his/her school course work? Join us in this class with other kids who have the same interest. This course is designed for 4th to 6th graders who are seeking for some math fun by practicing their "math muscle/brain". We will work through the book "Creative Problem Solving in School Mathematics". The purpose of this course is to develop students' math problem solving strategies and critical thinking. We will do some serious math while having tons of math fun and building endless math friendships.

AMC 8 is a math exam designed for middle schoolers (6-8th graders) to promote the development and enhancement of problem-solving skills. "The examination provides an opportunity to apply the concepts taught at the junior high level to problems which not only range from easy to difficult but also cover a wide range of applications. Many problems are designed to challenge students and to offer problem solving experiences beyond those provided in most junior high school mathematics classes." (Quoted from MAA website) Please visit <http://www.maa.org/math-competitions/amc-contests/amc-8> for more details.

This course is designed to not only help middle schoolers to prepare and do well in their annual AMC8 test but also, mainly, to stimulate their interest in math thinking and problem solving strategies. We are here to build strong foundations and confidence for students' future math learning so that they will make smooth transition to bigger challenges- their high school AMC10 and AMC12 exams.

Continue on the back

Students will work on past AMC8 test questions through this course. The instructor will construct lectures based on students' results to strengthen their knowledge and stimulate their creative and critical thinking. Working/debate with their peers/classmates also helps with their understanding and sparkles their lifelong learning abilities. Expect to have tons of math fun and building endless math friendships while doing some serious math problems.

Instructor: Jie Liu-Dr. Liu is currently a university math professor. She has taught college level math for more than ten years in US. While helping her own kids study math, she started her interest in youth math learning and teaching. For the past couple of years, she volunteered in helping math clubs with her children's elementary school and middle school by teaching math Olympiad, MathCounts and AMC series. She is very passionate about education especially early development of math thinking.

Public Speaking (英文演讲)

The course is designed to introduce students to public speaking and rhetoric. Consecutive lessons work through the alphabet as students develop basic communication skills (i.e., "A is for Articulation; B is for Breath control, C is for Conversation...") Additional drills, games, and exercises will help students build confidence while creating rapport with an audience. Students will deliver recitations and present more than a dozen speeches throughout the course. Emphasis will be given to...

- Voice – enunciation, articulation, cadence, pitch and diction
- Body – posture, poise, use of gestures, facial expression, and eye contact.
- Style & Delivery
- Spontaneous speeches and conversational practicum
- Platform speeches – speaking one's own words
- Interpretive speeches – bringing someone else's words to life
- Written evaluation and oral review of presentations

Workbook: How to be Heard & Remembered, a Public Speaking Primer by Winifred C Heggem

Instructor: Win Heggem is the founder of Winsome Speaking and has been a teacher and coach for more than 35 years. She began as a junior high and high school English teacher after earning a B.A. in English Education, magna cum laude. For the last 15 years she has specialized in training hundreds of competitive speakers as well as thousands of tweens, teens, and adults in public speaking. In 2001, Win began directing the CHAT Speech Club where she has coached scores of state and national speech finalists and champions. She also served as a board member for the Clash Debate Club and more recently as a founder and director of the Impact! Debate Club. From 2009 - 2013, Win worked as one of the founding members of the National Rules Committee for the Stoa Speech and Debate League. In addition to private coaching for both students and professionals, Win currently teaches public speaking classes, camps, and conferences throughout the western U.S. Win is dedicated to helping all of her students find and strengthen their "voices" as they impact the next generation with greater confidence, conviction, and clarity.

Table Tennis (乒乓球)

Table tennis is the 2nd most popular sport in the world. It combines technique, speed, spin, power, touch, smarts and concentration. Course content includes: basic strokes, footwork, drills, strategies, rules and etiquette necessary to participate actively and enjoy the games.

Instructor: Silicon Valley Table Tennis Club