

**RACL 2014–Spring Activity Classes**  
秋季课外活动班

课程 Classes	教师 Teachers	上课时间 Class Hour	教室 Classroom	学费 Tuition
美术班 1 (Drawing1, 5 yrs) 美术班 2 (Drawing2, 6-7 yrs) 美术班 4 (Drawing4,sketch 8-9 yrs) 美术班 5 (Chinese Painting >9 yrs)	Jennifer Li Wang Xi 何 婷 钱 芑	11:30 am – 12:20 pm	E151 E153 S102 E349 E345	\$80
国际象棋 1(Chess Beginners,5-7 yrs) 国际象棋 2(Chess Intermediate,5-7 yrs) 国际象棋 3(Chess Advance,8 yrs)	Arthur Lewis Charles Hill Bill Hargrove	11:30 am – 12:20 pm	E364 E362 E363	\$80
围棋 (GO, >7 yrs )	张松华	11:30 am – 12:20 pm	E361	\$80
少年武术-I (Martial Arts-I, 5-7 yrs) 少年武术-II (Martial Arts-II,>8 yrs)	Renee Warren Ginny Lam	11:30 am – 12:20 pm	Hood S100	\$80
<b>English for SAT:</b> English for SAT_1 (Grade 7) English for SAT_2 (Grade 8) English for SAT_3 (Grade 9-10)	Matt Klinestiver Shane Riter Gabby Holcomb	<b>11:30 am – 1:00 pm</b>	S301 S303 S305	<b>\$130</b>
趣味数学(Fun Math, Grade 3-5)	林 娟	11:30 am – 12:20 pm	E353	\$80
Math Problem Solving (Grade 5-7)	Angela Deng	11:30 am – 12:20 pm	E342	\$80
Math for SAT: Algebra I (Grade 7-8) SAT Math (Grade 8-9)	Alan Liu Jerry	11:30 am – 12:20 pm	S306	\$80
Lego Mindstorm  Lego 1 (5-8 yrs) Lego 2 (9 and above)	BounceU Lego Camp	11:30 am – 12:30 pm 11:30 am - 1:00 pm	S300 S302	\$130 \$180
不收新生 (Returning students only) 舞蹈班 1 ( Dancing 1, 5-6.5 yrs) 舞蹈班 2 ( Dancing 2, 6.5-8 yrs) 舞蹈班 3 ( Dancing 3, 8-9.5 yrs) 舞蹈班 4 ( Dancing 4, +9.5 yrs)	刘奕颖 薛璐璐 刘瑶 李洋	11:30 am – 12:20 pm	E250 E160 E350 E360	\$80
乒乓球 (Ping-pong, all ages)	Brian Xu	<b>3:00-5:00 pm, Sat.</b>	Middle Creek Community Center	\$80

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## 美术班 1 (5岁) / Drawing 1 (5 yrs)

Teacher: Jennifer Li, jenniferjli@yahoo.com

Classroom: E151

This class is an introduction to the amazing world of art and the kids will learn to unleash their creativity. Art will be hands on all the time. I will be teaching my students how to draw and on special occasions, making fun crafts! Through the course the kids will develop awareness to the principles of design (balance, rhythm, contrast, etc.), be able to mix primary colors to create secondary or tertiary colors, and manipulate shapes to create artwork. They will also learn about using different art tools such as markers, crayons, brushes, and many more! It is such an excitement to teach this class, and I look forward to working with you!

What you will need:

- 9x12 in. spiral bound sketchbook
- Pencils and erasers
- 24 box of crayons
- 12 box of markers

## 美术班 2 (6-7岁) / Drawing 2 (6 yrs)

Teacher: Wang Xi,

Classroom: E153

I will teach students how to draw in 3-D with great skill and confidence. The goal of the class is that students will have the power to draw anything, at anytime, from their imagination or from what they see with their eyes in the world around us. Students will learn ten key words of drawing at the beginning of the class, such as foreshortening, shading, surface, and size. These ten key words can be combined to create the illusion of 3-D drawing. This helps each student develop his or her own style of skilled visual expression. This semester, students will draw cool creatures and awesome objects such as: atomic androids, big bug-eyed birds, and colossal castles; daring driving dogs, early egyptian sphinx, and kissing kangaroos; magnificent macaroni, peaceful pelicans, and zapping zombies.  
Supplies needed: sharpened pencil and paper

Some things those are required for this class:

- sketch pad
- pencils, eraser
- markers or art pens (preferred)
- color pencils/ color markers/ color crayons

## 美术班 4 (8-9岁) / Drawing 4 (8 yrs)

Teacher: 何婷 Ting He, xzheting@gmail.com

Classroom: E351

Drawing 4 is designed to develop drawing skills of children aged 7 to 12. Curriculum is varied to include teaching cartoon figures, animals, landscapes and animation. It aims to teach both boys and girls how to observe the common objects from a new point of view and how to express their feeling in a fine art way.

In the first half of the semester, students will learn how to analyze the shape and colors of an object and the basic skill to sketch and color it. Based on the understanding of how to draw and paint, the students will be encouraged to draw to freely illustrate different themes under the guidance of the

teacher. There will be an exhibition of students' art work at the end of each semester. Welcome all the parents and friends to join.

This class aims to strengthen children's confidence and open their minds. The teacher will help students to discover their strength, express their creative idea and evaluate art works with their artist abilities.

Tools: 2B pens, eraser, color pens or crayons (at least 12 different colors), drawing paper and markers ( 12 different colors).

## 美术班 5 (9 岁以上) / Drawing 5 (>9 yrs)

Teacher: 钱 芃 Peng Qian, [qianpeng2008@gmail.com](mailto:qianpeng2008@gmail.com)

Classroom: E345

中国画简称国画，它是中华民族文化的重要组成部分，具有悠久历史和优良传统的中国民族绘画。中国画在世界美术史上，卓然别致，占有很重要的地位。它内容丰富、风格独特，强调用线来描绘对象。中国画作不受固定透视的约束，也不受时间、空间限制，以独特的"散点透视"表现物体与对象，依托自然，心神与实景相融汇的艺术旨趣，以及遗貌取神的表现方法，在世界美术领域中自成独特体系。

中国画强调："外师造化，中得心源"，要求"意存笔先，画尽意在"，做到以形写神，形神兼备。中国画与书法两者有着紧密相连，在达意抒情上都运用线条来表现，故有"书画同源"之说。

中国画从表现形式上可分为工笔画和写意画两种，从表现内容上可分为人物画、山水画、花鸟画三大类。花鸟画又可分为花卉、蔬果、禽鸟、虫鱼、走兽等种类。花鸟画作为入门题材是比较适宜的，深受孩子们的喜爱。

本学期我们的国画教程分为两大块，花卉和蔬果。

教学目标：

1. 认知：学习基本的用笔用墨方法（掌握运笔的走向，注意墨色的浓淡变化），恰到好处的调出所需颜色。
2. 操作：学会常见水果的基本画法。
3. 情感：通过国画教学，激发学生对中华民族传统画种的热爱，陶冶艺术情操。

教学重点：侧锋、中锋的用笔方法；三次调色法。

孩子们需要的绘画材料和工具：毛笔、墨汁、中国画颜料、宣纸、笔帘、一块能吸水的毯子、一只塑料水桶、两个白盘子、一个小碟子、一条旧毛巾。以上材料需要除学费外大约\$40 的费用。

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## 国际象棋 1 (Chess Introduction, 6-7 yrs)

Teacher: Arthur Lewis, [jackmoccasin@yahoo.com](mailto:jackmoccasin@yahoo.com)

Classroom: E364

Chess 1 is designed for students identified as having little or no prior experience. The primary objective is to establish a foundation of basic skills. This process will involve lectures informed by references to published materials. By the end of year, students are expected to be able to play and fully record a legal game of chess.

## 国际象棋 2 (Chess Intermediate, 6-7 yrs)

Teacher: Charles Hill, [chasdufour@gmail.com](mailto:chasdufour@gmail.com)

Classroom: E362

Intermediate Chess studies opening, endgame, and positional analysis through a combination of lecture and supervised play. Competitive play is also covered. It is my goal for the students to learn about the real world of chess as well as theory.

### **国际象棋 3 (Chess Advance, >8 yrs)**

Teacher: Bill Hargrove, omnitutor35@yahoo.com

Classroom: E363

As a “prerequisite” for this class I would like the student to know two things: First to be comfortable and conversant with algebraic notation, i.e. to know how to take down the moves in a chess game. Second I would like the student to have been playing chess for “a while” (like maybe a year) and to thus know a little more than just the moves. If your child has no other experience playing chess other than at RACL, the beginning and intermediate classes should be a prerequisite. Additionally if you are unsure if your child is “ready” for this class it may help to solicit the opinion of the instructors of the beginning and intermediate classes.

The legendary chess genius Capablanca once said, “The best way to learn...is from the games of the masters”. Over time I have found the most enjoyable and productive lesson plan is to go over a particularly instructive or entertaining game played by the best masters. At the end of the lesson students are furnished with a handout of the game score so they can go over the lesson.

I have so far been able to find a new game to go over for the last three semesters, which means that students who have taken my course before are welcome and can continue learning by repeating it.

### **Course Summary:**

I try not to take my teaching in these classes too seriously or to be unduly rigid in my approach, which is to say that my goal is get the children to enjoy chess first as opposed to teaching specific methods. I can't do very much on specific methods in one hour a week, but if I can make that hour an enjoyable experience for them and communicate the beauty and excitement of the game, then their natural curiosity and desire will take them much farther than I ever could.

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### **围棋 (7 岁以上) / GO (>7 yrs)**

Teacher: 张松华 Songhua Zhang, shz\_123gousa@yahoo.com

Classroom: E361

### **Introduction**

Go is a game of strategy. Two players compete in acquiring territory by placing markers on a smooth wooden board with a simple grid drawn on it, usually 19 by 19 lines. Each player seeks to enclose territory with his markers, much like partitioning a field with sections of fencing. Further, each player may capture his opponent markers. The object of the game is to enclose the most territory, a simple goal that leads to the elegant and fascinating complexities of go.

### **Requirement**

No specific requirement and open to all students who are interested in GO.

### **Students will learn from this class**

- The Procedures of playing GO
- To know Life and Death
- How to start the game
- How to end the Game
- To know the Rule of Ko
- Proverbs for Beginners
- To know Go's Glossary

### **Class Plan**

- Teaching basic concepts of the GO game
- Games
- Tournament

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### **少年武术 1 (Martial-1, 5-7 yrs)**

Teacher: Renee Warren, rtwdesigns@embarqmail.com  
 Classroom: E308

Martial Arts I is an introductory class that focuses on teaching students traditional kung fu basics such as stance work, punching, kicking, and blocking techniques, and learning the first steps of Tan Tui (form that is linear and easy to perform). More importantly, students will learn about the Wu De, the universal code of respect, honesty, diligence, patience and humility. This class prepares students who want to move on to the Martial Arts II class as they get older.

### **少年武术 2 (Martial-2, 8 yrs)**

Teacher: Ginny Lam and Mike Zhu, genek828@yahoo.com, myzhu@ncsu.edu  
 Classroom: S100

The purpose of the course is to teach students the fundamentals of Wushu. The skills learned in the course can be used later if students choose to continue to train in Wushu. Each class begins with warm-up and stretching exercises, followed by stances and kicks. There will be two trips to the Chinese Kung Fu Center in Raleigh to give students the experience of training at a school. By the end of the course, students should have a firm grasp of basic Wushu stances and kicks and be able to perform the Long Fist 1 form.

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### **English for SAT-1 (Grade 7)**

Teacher: Matt Klinestiver, matkline@gmail.com  
 Classroom: S301

I'd start the class off by examining the SAT's format. During the first class session, I'll familiarize the students with the length of the test, standard question types, and basic test-taking strategies. I'll also be providing questionnaires for the students to fill in. These questionnaires will include some practice questions and ask about perceived areas of difficulty. I want to make sure that the class is specifically tailored to the needs of the students, so we'll be using a curriculum which is based on my impressions of the class's strengths and weaknesses.

I'm of the belief that the ideal way to learn SAT vocabulary is through seeing it in use, and to that end, I want to expose my students to a wide array of literature where the terms will be used in appropriate contexts. Students will be expected to memorize Greek and Latin root words, which often hold the key to deciphering a difficult English term. I'll be asking students to do in-class essays from

time to time, and I'll be critiquing their use of grammar, punctuation, and syntax. We'll look at plenty of material drawn from old tests, especially critical reading passages. I want the students to feel comfortable with identifying key terms and main ideas. SAT scores are vital to college admittance, and I feel privileged to be able share my knowledge of the test with your students.

### **English for SAT-2 (Grade 8)**

Teacher: Cherie Lanyi, LanyiCherie@gmail.com  
Classroom: S303

In the class, students will be familiarized with the key concepts of the SAT: structure, question types, strategies, vocabulary, and writing skills. Using questions from real tests, students will build confidence as they get used to the test, while improving their test taking skills and strategies. The class will also teach specific writing strategies for the SAT, including structure, elements of good writing, and grammar. Students will finish the class better prepared for the SAT, and with knowledge of what will be expected of them on the actual test.

The instructor has over 10 years' teaching experience in ESL and test preparation. He worked for The Princeton Review in New York and Shanghai, China, where he taught SAT and GMAT courses. He also taught TOEFL and IELTS classes in China.

### **English for SAT-3 (Grade 9-10)**

Teacher: Gabrielle Holcomb, gbholcomb@gmail.com  
Classroom: S305

The course I will be teaching is designed to prepare students for the verbal and essay sections of the SAT test. We will start by learning the framework of the SAT and test taking strategies. From there we will explore vocabulary specific for the exam, and have multiple writing workshops to enhance their essay writing skills. My goal is to extend the students' understanding of written language, and enhance their strategies to be able to read a wider variety of text with more complex vocabulary. Each class will have instruction, followed by independent practice or collaborative group work; we will have writing workshops, play vocabulary games, and work together to ensure that each student possesses the knowledge necessary to succeed to their maximum potential on the SAT exam.

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### **趣味数学(Fun Math, Grade 3-5)**

Teacher: 林娟, linjuan20082008@yahoo.com  
Classroom: E353

根据小学生的年龄特点和数学程度把平时比较理论和枯燥的数学知识用比较有意思的形式表达出来, 在学习数学知识的同时, 提高学生学习数学的兴趣。

- 心算--先从培养学生对数字的感觉入手, 通过找一些数列的规律, 填一些数字魔方矩阵等, 帮助学生寻找和掌握一些快速运算的的规律, 以提高学生计算的速度。这既可以锻炼学生的数学能力也能培养相对应的记忆力和反应能力。
- 应用题--通过为一些侦探故事寻找答案和解决学生日常生活时碰到的问题, 提高学生学习数学的兴趣。学生通过把学到的数学知识运用到现实生活中去, 一方面可以提高把各类题型抽象成常见的数学模型的能力, 另一方面由于应用题的性质也提高学生对中文的理解力。

- 简单的数学推理题—通过介绍一些简单而十分常用的推理原理，比如抽屉原理、容斥原理等等，让学生利用已知条件，锻炼和提高比较严密的推出要达到的结果的能力。
- 几何问题—通过一些有趣的题型，如一笔画问题、线段的分割、不规则图形的处理等等，帮助学生了解和掌握常用图形的性质和作用。

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## **Math Problem Solving (Grade 5-6)**

Teacher: Angela Deng, use.a.moe@gmail.com

Classroom: E342

### **Introduction**

Math Problem Solving is a class designed to go beyond what is taught in the classroom and develop logic and critical thinking skills. This class will help 5-7 grade students who are preparing for contests like MathCounts and the AMCs.

### **Requirements**

Students must be in middle school and be in Pre-algebra or higher.

### **Topics**

- Geometry
- Linear Equations and Word Problems
- Arithmetic Operations
- Probability & Counting
- Inequalities
- Number Theory

### **Recommended Reading**

"Competition Math for Middle School" - Jason Batterson. This book can be found here:

<http://www.artofproblemsolving.com/Store/viewitem.php?item=compmath>

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## **Math for SAT-Algebra/Geometry (Grade 7/8)**

Teachers: 刘忻泽 Alan Liu, alanliu123@gmail.com

Classrooms: S306

My name is Alan Liu. I will be a junior at East Chapel Hill High School, and I'm very excited to be the instructor for this year's Math-Algebra-1 class at RACL.

This year's course will be formed around the Wake County Algebra-1 curriculum. I will also use the first class to take topics which registered students are most interested in and incorporate them into the curriculum. The main topics to be covered will be:

- Order of Operations
- Linear Equations (one-variable, multi-variable)
- Ratios, Percents, Proportions
- Inequalities
- Quadratic Equations
- Factorizations
- Exponents, Logarithms

- Sequences & Series

I plan to adapt the class topics to student's needs. Every student will have homework after each week's class. The homework will not take an excessive amount of time, but it will still challenge the student in the topics learned. There are no requirements for this course, but it is recommended that the students have already taken or are taking pre-algebra. If you have any more questions, feel free to contact me by email ([alanliu123@gmail.com](mailto:alanliu123@gmail.com)).

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## **Lego Mindstorm (age 5 – 12)**

Lego mindstorm class is designed to introduce students to various science engineering concepts through design-based LEGO projects. The first two sessions are basic introduction sessions which employ students to gain a basic understanding of the Robotic and the LEGO Mindstorms NXT system. After that, each week we will have a theme with many projects available for the students to build. New concepts will be introduced weekly via different projects. Basic instructions for the projects will be provided but the students are encouraged to be creative and modify their individual projects. In the last week of the semester, students will have an opportunity to build and present a robot they have built/modified and elaborate on how they built or modified it; and the characteristic about their projects.

**Lego 1 – age 5-8**          1 hour class, age based group to complete projects in class

**Lego 2 – age 9 and above**

1.5 hours class, age based group to complete more complex projects in class

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***Following Dancing classes only accept returning students. No new registration is taken.***

### **舞蹈班 1 ( Dancing, 5 – 6.5 yrs)**

Teacher: 刘奕颖, [ceciliayiying@gmail.com](mailto:ceciliayiying@gmail.com)

Classroom: E250

### **舞蹈班 2 ( Dancing, 6.5-8 yrs)**

Teacher: 薛璐璐 Jackie Xue, [jxue0406@gmail.com](mailto:jxue0406@gmail.com)

Classroom: E150

### **舞蹈班 3 ( Dancing, 8-9.5 yrs)**

Teacher: 刘瑶, [liuyao7911@hotmail.com](mailto:liuyao7911@hotmail.com)

Classroom: E360

[er.phoebe@hotmail.com](mailto:er.phoebe@hotmail.com)

### **舞蹈班 4 ( Dancing, >9.5 yrs)**

Teacher: 李洋, [michelleli1996@yahoo.com](mailto:michelleli1996@yahoo.com)

Classroom: E350

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## **Ping-pong (all levels / all ages)**

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Teacher: Brian Xu, [xuperman76@gmail.com](mailto:xuperman76@gmail.com), 919-225-1044

Classroom: Middle Creek Community Center

This class opens to all levels and all ages students. It is held at 3-5 pm on Saturday.

Have you watched US Olympian 16 years old Ariel Hsing in the London Olympics? The table tennis child prodigy and child friend of Warren Buffett and Bill Gates managed to beat a former Chinese World Champion and to come very close with the No. 2 seed Li Xiaoxia from China.

Cary has become a very important city in the Table Tennis world. It has hosted both United States and North America Olympic Trials in addition to the annual major event Cary Cup. You and your child can be part of this exciting sport in Cary.

Brian has been playing ping pong since 9 and has been coached by top Coaches both in US and in China. He has a good form, strokes and techniques. John Tannehill (The US China Table Tennis Diplomacy Legend and US Table Tennis Hall of Fame) among others has praised Brian as a very gifted player and possessing great potential. Brian was highlighted on News 14 for the Cary Cup.

You will be in good hands if you take this class as Brian is a very patient and articulate instructor who will inspire and guide you and set a good foundation for you. Brian has an excellent rapport with kids.