SDHXCS Enrichment Classes (才艺课)

Subject (科目): Please select one of the categories	**__ Art __ Music __ Sports _X_ Math __ Chess**		
Course Name (课程名称):	**Math Enrichment Program – Level I**		
Teacher Name （教师姓名）	**Jenny Sun** **Lillian Bu**	**Phone**	512-815-9668 (Jenny) 858-208-9678 (Lilly)
		email	sunlitmath@gmail.com lilly0510@gmail.com
Teacher's background and brief **(教师及其简介):**	Jenny Sun has a BS degree in Applied Science and MS degree in Theoretical Physics. She was a certified college teacher in China, gained teaching experiences from middle schools and Universities back in China. She has a passion on teaching young kids and inspiring their interests to math from an early age. In 2015, she co-coached Oak Valley Middle School's Math Count team; the team has achieved high rank in Southern California's competition. Currently, she is teaching Math Olympia course for student age from 9 to 11 in ICL with Holly Jing. Lillian Bu is a senior at Del Norte High School and has been accepted to both MIT and Caltech for Applied Math. She is president of Del Norte's math club, and has actively competed in math competitions since middle school. She is a multiple time AIME qualifier and has been invited to be in the San Diego American Regions Math League team and attend MIT's Math Prize for Girls competition for multiple years. She has been an instructor at Mathnasium for the last two years and will be a math camp counselor at Texas State University in the summer. She loves working with kids, and hopes that through this class she will be able to spread her passion for the subject matter to the students and inspire them to appreciate and enjoy math as well. Lillian will assist Ms. Sun in this course.		
Course Description **(课程简述):**	Grades 4 and 5 This course is going to address more on the math fundamental concepts, focus on math number theory and logic thinking way to build student's strong math foundation for upper level elementary students. Students will learn problem solving strategies, probability instruction as well as pre-algebra concepts. All students will participate in Noetic Math Contests. Students will have fun learning math while developing important problem solving skills, which will benefit their learning curve on any subjects.		

	We will teach 14 sessions from Feb. 5th to May 14th. The teaching method will include classroom instructions combine with classroom quiz, as well as homework assignments. The topics of each week are listed below (subject to changes based on progresses). 1. Problem Solving Strategies, part A 2. Problem Solving Strategies, part B 3. Basic Number Theory 4. Decimals 5. Fractions 6. Perimeter & Circumference 7. Function Machines 8. Area, Volumes 9. Percent 10. Ratio and proportion 11. Variable 12. Basic Linear Equations 13. Basic Probability 14. Review and Final Test			
Course Objectives (课程目标):	- Inspire interests in math learning - Master problem solving skills - Explore advanced math concepts - Achieve outstanding scores in Noetic math contests			
Pre-requisite/Student Ages (先决要求/学生年龄要求):	We will give higher priorities to students who demonstrate 1) Collaborative and teamwork behaviors in class, 2) Follow instructions from teachers, and 3) Supportive and collaborative parents.			
Student Evaluation / Presentation (评分方法 (演出、比赛、展示等)):	The students will have opportunities to participate in Noetic Spring Contest.			
Maximum Number of Students to be Enrolled (最多招生人数限制):	Up to 18 students per class.			
Course Fee (报名费 / 学费):	**Registration & material fee**	$375 per semester	**Special course fee**	Do not fill