

Roberts Math Club Information and Registration

The Roberts Math club is gearing up for the 2018-19 school year. The team was formed in 2015 by a group of Roberts parents who teach and do research in STEM (Science Technology Engineering Math) fields. The goal of the club is to support STEM education and provide an activity where students can develop confidence in problem-solving skills and a love of math.

Eligibility: Only 4th and 5th grade students are eligible to participate in the club. Students should be interested in math and committed to developing the skills and stamina necessary for solving math problems.

Weekly Team Meetings: The Math Club will have weekly meetings at Roberts from 3:00-4:00 p.m. on Fridays (rooms TBA). The first meeting will be on **Friday, Oct 5th**. In this meeting we will do some simple assessments, discuss the rules and objectives of the Math Olympiad competition, and give students a packet of materials that they can begin to review and work on at home. Parents are welcome to attend this session to learn more about the club, expectations, and volunteer opportunities. Subsequent sessions will involve some instruction—mainly of new mathematical concepts and problem solving strategies, working in groups to solve problems and practice problem-solving skills related to the Math Olympiad contests, and participating in games, puzzles, and other math-related activities.

Registration and Participation: Math Club members must commit to attending weekly sessions and participating in all of the Math Olympiad competitions in order to be officially registered on the Roberts Team. We have implemented a registration fee (\$20/year) this year to cover costs associated with the MOEMs membership, supplies, end of the year party.

Olympiad Competitions: The Math Club members will compete in the Mathematical Olympiads for Elementary and Middle Schools (MOEMS). MOEMS is a nonprofit corporation that provides opportunities for children to engage in creative problem solving activities. The monthly Olympiad math competitions will take place at Roberts during our regularly scheduled Friday meetings. There is no travel involved. There are five competitions, starting in November and continuing until March. Each contest consists of five non-routine problems. Every problem requires careful mathematical thinking and has a time limit. Students work alone and score 1 point for each correct answer. After each contest, results are submitted to MOEMS for scorekeeping. MOEMS keeps track of individual and team points and provides certificates and awards at the end of the season.

Math Team Coaches:

- Michael Orchard, Professor, Dept. of Electrical and Computer Engineering, Rice University
- Gary Woods, Professor of the Practice, Dept. of Electrical and Computer Engineering, Rice University
- Krešimir Josić, Professor of Mathematics, University of Houston.

Roberts Math Team Registration Form

Student's Name (First, Last): _____

Current Grade: _____

Current Teacher: _____

Parent's Name (First, Last): _____

Parent's Name (First, Last): _____

Parent's email address: _____
Please print clearly

Parent's cell phone number: _____

Student: Why do you want to join the Roberts Math Club?

Parent: Why do you want your child to participate on the Math Club?

Please email completed form to: marschal@rice.edu, return it to your teacher or the front office by Monday, Oct. 1st or bring it to the first meeting on Friday, Oct. 5th