



Math for Service

Incubating, mentoring, and sustaining student-run community service projects.

Greetings!

Thank you so much for joining us at STEAM in the Park! We are glad to hear that many of you enjoyed the activities developed by our various organizations. The event truly encompassed what Math for Service strives for: an inviting and fun experience for people of all ages and passions.

We look forward to seeing you all throughout the school year at events hosted by any of our student-run organizations. All of our events are planned with great care, so please take your time looking through the upcoming events and opportunities on this newsletter to notice if anything that catches your eye.

Sincerely,



September 2017 Newsletter

STEAM in the Park Debriefing

Members of Math for Service gathered to put on a fair called STEAM (Science Technology Engineering Arts Mathematics) in the Park on Saturday, August 26, 2017. Their purpose was to provide young students ranging from elementary to middle school with opportunities to broaden their scope of knowledge by setting up numerous booths filled with different activities in different fields of study.

To read more about this event as a whole, please click [here](#).

To read more about the science activities, please click [here](#).

To read more about the math activities, please click [here](#).



Upcoming Events

Learn about MfS events coming soon near you!

OC Scholar: Journalism Classes

Starting from October, OC Scholar will be hosting its series of journalism classes for students in grades 6-8 on the first Friday of each month. The classes will cover various aspects of print and video journalism, and will be held at Ardent Northwood (820 Roosevelt, Irvine, CA 92620) from 5-7PM. Registration will open soon! If you have any questions, please email us at ocscholar@gmail.com.

OC Launch: Open House

Are you interested in business or entrepreneurship? **OC Launch will host our 2017 Open House on October 21 from 5:00 PM to 7:00 PM at Ardent Academy Northwood Campus.** Here you'll be exposed to the variety of activities that OC Launch offers to promote early engagement in business techniques, startup opportunities, and presentation mentorship. This year OC Launch will also be supporting our very own Launch Club powered by MIT that will take teams on a journey to develop a running startup. If you are interested in knowing more about what OC Launch has to offer, please sign-up to come to our Open House [here](#).

OC Engineer: Monthly Workshop

OC Engineer is proud to offer the first monthly workshop on hydraulic systems. The workshop features an introduction to engineering as well as to hydraulic systems and applications. Attendees will also get to design and create a simple hydraulic arm, crane, or jack to take home. **The class will be offered for third to sixth graders on September 23rd from 2-4 PM at Ardent Northwood.** We look forward to seeing everyone there!

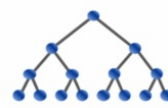


OC Engineer: Arduino Classes

OC Engineer is hosting a series of 3 classes that teach Arduino. Students will build fun projects with micro-controllers and learn the science behind each one. **Levels of Arduino projects are separated into monthly classes, which will be on the fourth Sunday of each month, from 4 PM - 6 PM at 820 Roosevelt.** There is an admission fee, but you get to take your projects home! Specialized volunteers will help out with your micro-controller experience. Different topics will be covered - they will be different from last school year. Signups will start very soon!



OC Hacker: USACO



OC Hacker will be starting our USA Computing Olympiad training sessions beginning in October. These sessions are designed to prepare students for programming competitions like USACO, Stanford ProCo, and ACM-ICPC. Students will learn about the fundamental algorithms used in today's web scale applications, and apply them to problems taken from past competitions. Middle school and up recommended, Java, C++, or Python knowledge required. No prior competing experience is required. **The first session will be from 12 PM - 2 PM on September 30th at 820 Roosevelt.** Sign ups open soon!

OCMC: Thanksgiving Math Tournament

Orange County Math Circle's 2017 Thanksgiving Tournament is right around the corner, on **November 18th, 2017 from 12:30 PM - 4:30 PM**. This year, our venue is the brand-new Portola High School. Thanksgiving Tournament is a fun competition for 3rd-6th graders. It's a great way to gauge and spark your child's interest in math, and the tournament is a great opportunity for kids to meet and befriend others who have the same passion. The competition will consist of an individual, team, and activity round. Teams can be formed beforehand and consist of six students in the same grade. If participants don't have a team, they will be placed into one on the day of the Tournament. You can find the full schedule on our [website](#). Don't miss this opportunity to expose your child to competition mathematics in a low pressure environment and encourage their growth in mathematics with creative, challenging problems! See you there!



OCMC: AMC 8

Whether this is your first time ever hearing of the AMC 8 or you have been preparing for this moment for your entire life, this next paragraph is extremely important to your future well-being.



The annual American Mathematics Competition for 8th grader students and under is hosted by OCMC on **November 14th, 2017**. The AMC 8 is a 25-question, 40-minute, multiple choice exam designed for middle school students to promote problem-solving skills. This exam will be held at Irvine Chinese School (9 Truman, Irvine CA 92620). Registration will be opening very soon so be sure to stay tuned with future emails and visit our website for more details! Information for the AMC 8 can be found under the "Competition" tab on ocmathcircle.org.



Upcoming Online Events

Learn about MfS' online contests and events!

OC Science: POTW

The Problems of the Week are a series of weekly problems designed to introduce elementary and middle school students to new and exciting science topics. These problems also enter students in the race to qualify for the Science Bowl, an annual event held by OC Science in April in which students compete to see who can answer science questions the fastest. Additionally, OC Science will host a series of Science Bowl Training Sessions that will better prepare prospective competitors for both the Problems of the Week and the Science Bowl itself. **The first set of Problems of the Week will be released on October 1st. If you are interested in receiving more information about the Problems of the Week, please email info@ocscience.org with your name, preferred email, and grade level.**

OC Engineer: DIY Contest

OC Engineer will begin its monthly DIY Contests this October! Submissions will be online through a form, and will be similar to an Instructables tutorial. Participants must have the full list of materials, a detailed procedure (including pictures along the way), and an end product. All submissions will be displayed on the OC Engineer website for the community to see, and neat prizes will be given based on the product's creativity, procedure, and application. Look forward to the first application for the contest, and start building! **Submissions will be due on the last day of every month online.**

[Example tutorial](#)

Volunteer Opportunities

Learn about the opportunities MfS has to offer!

AGMT: Satellite Directors Wanted!

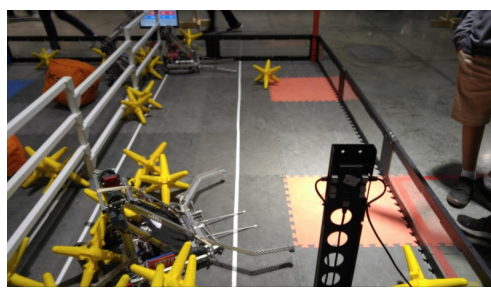
The All Girls Math Tournament is looking for satellite directors! Our goal this year is to spread our outreach and we need your help. Hosting a satellite is a great experience and you can be a part of it! If you are interested in becoming a satellite director or know someone who would be, please sign up on [our website here](#) or send us an email at allgirlsmathtournament@gmail.com!



OC Engineer: Robotics Volunteers Wanted!

OC Engineer is looking for volunteers experienced with robotics, primarily Vex! We are currently looking at helping the following schools with their robotics endeavors:

- Orchard Hills
- JTMS
- Utt MS
- Currie MS



If you are interested in spreading your knowledge and passion for robotics, please shoot us an email at ocengineermfs@gmail.com with your name, grade level, and school!



[Learn more
about us!](#)

Stay Connected 

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