



CITRUS CIRCUITS

SEPTEMBER NEWSLETTER

UPCOMING EVENTS

Parent Info Night
September 14

Chezy Champs
September 27-29

Capital City Classic
October 18-20

LINKS



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SUMMER CHINA TRIPS

This summer, Citrus Circuits made two separate trips to China to compete and work with Chinese students on building robots. Our team was invited by Team 3132 Thunder Down Under from Sydney, Australia, to teach English and robotics to students from the ShiFang Town ZhiHua middle school in Wuping. Citrus Circuits and Thunder Down Under students taught



English through the building and programming of a Lego EV3 robot, as well as through games and outside activities. On a separate trip in August, Citrus Circuits participated in the 2019 Suzhou Youth Robotics Maker Camp for the second time. Students took part in three-day workshops where they

helped Chinese robotics teams build and improve their robots, as well as share expertise through presentations. They also participated in the 2019 RCC Qianjiang International Robotics Open held in Hangzhou, where the Chinese teams competed alongside representatives from Australia, Brazil, Israel, Turkey, and the United States.



ANOTHER SUCCESSFUL ROBOCAMPS SUMMER

During the first six weeks of summer, we hosted our fourth year of RoboCamps at Davis Senior High School. Since 2016, our summer RoboCamps program has grown from two to six weeks of camps made to spread STEM in the Davis community. Each week held about 24 students in grades 4-8, who worked together to complete robotics challenges. Four types of camps happened over the six weeks, Introductory/Intermediate, Intermediate/Advanced, Girl Powered, and Advanced Programming. The Introductory/Intermediate, Intermediate/Advanced, and Girl Powered weeks focused on how campers constructed their robots, programmed an automated robot routine, and drove the robot on a game field. A final competition was included at the end of every week where campers had the opportunity to compete for a programming award and a team challenge award. The Advanced Programming camp centered around programming robot routines to complete autonomous challenges, culminating in a competition developed by Citrus Circuits counselors where campers also programmed their own driver controls.



SUMMER ROBOT DEMOS

This summer, our team ran six robot demonstrations in the Davis and surrounding area. During these events, team members drove our 2019 competition season robot, Buzz Lime-Year, and displayed its functions to the crowd. We were excited to have the opportunity to educate the public on our team and our robot. We went to Montgomery Science Expo, Willett Elementary School, Dee's Wonderland, Davis Kids Klub, Atria Covell Garden, and the University Retirement Community. We have more demos set up for the upcoming months.



PARENT INFORMATION NIGHT

Parents of our new and returning students are invited to join Citrus Circuits for an introduction to the team, our mentors, and all of the learning opportunities and team activities planned for the upcoming year. Highlighted by a barbecue dinner and a robot demonstration, the event takes place Saturday, September 14, from 4:30 - 6:30 p.m. in M1 at the Davis Senior High School. Parents will learn about our team structure, FIRST robotics, and how to support the team. There will also be a tour of the Hardware, Programming, and Business and Media subteams led by student leaders.

DYR SCHOOLS PROGRAM

During our third year with the DYR Schools Program, we will be working towards expanding our program to both Birch Lane Elementary School and Cesar Chavez Elementary School as a part of getting more students involved with robotics and our DYR program. We are also working to strengthen the program already in place at Fred T. Korematsu Elementary by getting more student mentors involved and encouraging more students to join.

FIRST TEAM MEETING

On August 29, Citrus Circuits held our first official team meeting of the 2019-2020 season, welcoming 110 new and returning students to the team. We're looking forward to all of these students contributing to the team in the new season and supporting our numerous outreach programs.

