

CITRUS CIRCUITS

DECEMBER NEWSLETTER

UPCOMING DATES

Kickoff
January 7

Hueneme Port Regional
March 2-5

Sacramento Regional
March 24-26

Silicon Valley Regional
April 6-8

SPONSORS

Pomelo
DJUSD
TechnipFMC

Grapefruit
Hill Engineering
UC Davis

Orange
Bayer

Lemon
Lockheed Martin
Intuitive
Recology
West Coast Products
Resonetics
M.Cubed
ACEC

Lime
Deloitte
Frontier Energy
UCD College of Letters and Science
UCD Global Affairs

Kumquat
Walmart
Impact Financial Advisors

In-Kind
GitHub

LINKS



[Website](#)



[Email](#)



[Facebook](#)



[Instagram](#)



[Youtube](#)

MOCK KICKOFF

In preparation for Kickoff on January 7, we held a mock Kickoff in December to help our new members get ready for the 2023 game, CHARGED UP, by familiarizing themselves with the process of evaluating and understanding the game. On the first day, students gathered into groups to go over the game manual from the 2017 FRC game, Steamworks, and took quizzes about the rules. On the second day, everyone learned about strategic design from Mike's presentation on different FRC robot designs over the years, and wrapped-up by presenting their robot ideas and watching competition video from 2017.

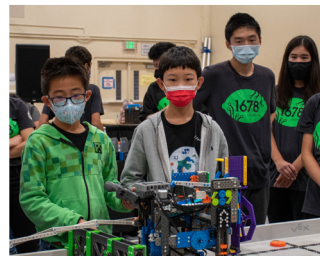
GIRL POWERED EVENTS

We finished the year holding our monthly Girl Powered events in November and December. Activities included marshmallow structures, lemon volcanoes, Skittle chromatography, aluminum boats, and using static electricity to make Santa's sleigh fly! All the participants enjoyed getting hands-on experience with the guide of our student volunteers. We will be continuing our Girl Powered events in January with a variety of fun and educational activities!



DYR TOURNAMENT SEASON

In November and December, we held three DYR tournaments, with up to 32 teams participating at each event. We held two events at DHS, and for the first time held a tournament at Holmes Junior High. Supported by dozens of



Citrus Circuits members for each tournament, our DYR teams had an opportunity to compete and be recognized for their accomplishments. We're very proud to have put on another year of successful DYR tournaments and continue to expand this important program for elementary and junior high students.

2023 SEASON GAME PREVIEW

We are looking forward to the 2023 First Robotics Championship game, CHARGED UP, presented by the Gene Haas Foundation. Although we won't know much until KickOff, a teaser video has been released on the FIRST YouTube channel. ([Click on this link if you have missed it.](#)) The video included movements of colored energy orbs shooting across the city and landscapes including a familiar local monument: Tower Bridge in Sacramento. With intense background music and thundering sounds, energy orbs form the title of CHARGED UP at the end. Our team members are "charging up" their energy to get ready for the 2023 season.

2023 COMPETITION PLANS

This upcoming season, we plan to get CHARGED UP at Hueneme Port Regional on March 2, Sacramento Regional on March 23, and Silicon Valley Regional on April 5. If we win one of these competitions, we are qualified for the World Championship in Houston, April 19-22.

AMAZON SMILE

Davis Robotics Foundation participates in Amazon Smile, a program that donates 0.5% of your purchases on Amazon to non-profit organizations. Amazon Smile does not change your shopping experience on Amazon, and comes at no extra cost. All you have to do is go to smile.amazon.com, type in Davis Robotics Foundation, click select, and your purchases will immediately start benefiting Citrus Circuits. Thanks for all your support!