



MAY 2-4, 2025
YUCAIPA REGIONAL PARK

33900 Oak Glen Road, Yucaipa, CA 92399

Cecilia Griego, Chair
City of Colton, Water & Electric
(909) 370-6145

Janett Robledo, Vice-Chair
East Valley Water District
(909) 806-4287



THE CHALLENGE

The **SOCAL STEAM Challenge** is a three-day educational event where local high school students design, build, and race 16-foot solar-powered boats at Yucaipa Regional Park. This hands-on experience promotes engineering, teamwork, and water sustainability.

Over six months, students work on their boats at school with guidance from dedicated instructors. Teams also submit technical reports and create a water conservation Public Service Announcement (PSA).

At the event, boats compete in endurance, slalom, and sprint races. Teams earn points across all activities, and the highest-scoring team wins.

Funded by local utilities and companies, the **SOCAL STEAM Challenge** inspires the next generation of innovators.



@socalsteamchallenge

PSA CHALLENGE WATER CONSERVATION

California's "Making Conservation a California Way of Life" regulation sets long-term goals to improve water efficiency in response to climate change and frequent droughts. Residential indoor water use must be reduced to 47 gallons per person per day (GPCD) by 2025, and 42 GPCD by 2030. Water suppliers must work with their communities to meet these goals.

For this year's PSA, student teams will calculate one student's daily water footprint and determine whether it meets the 47 GPCD standard. Teams will present their findings, explain how the water was used, and either propose a plan to reduce usage or describe steps already taken to stay in compliance. Students must also suggest ways to reach the future target of 42 GPCD by 2030.





FRIDAY, MAY 2, 2025

TIME	ACTIVITY
8:00am – 2:00pm	Registration
8:00am – 4:00pm	Inspections/Qualifying
12:00pm – 1:00pm	Lunch
5:00pm – 6:00pm	Dinner

Meal Clean-Up (Colton & San Andreas)

SATURDAY, MAY 3, 2025

TIME	ACTIVITY
7:00am – 8:00am	Breakfast
8:00am	Team Meetings
8:15am	Inspections

Meal Clean-Up (Rialto & Desert Mirage)

SPRINT RACE

8:40am	1. Cathedral City
9:00am	2. Redlands East Valley
9:20am	3. San Andreas
9:40am	4. Colton
10:00am	5. Desert Hot Springs
10:20am	6. Yucaipa
10:40am	7. Banning
11:00am	8. Cajon
11:20am	9. Rialto
11:40am	10. Desert Mirage
12:00pm – 1:00pm	Lunch
1:00pm	Inspections

Meal Clean-Up (Banning & Redlands East Valley)

SLALOM RACE

1:20pm	1. Colton
1:40pm	2. Desert Mirage
2:00pm	3. Yucaipa
2:20pm	4. San Andreas
2:40pm	5. Cajon
3:00pm	6. Cathedral City
3:20pm	7. Redlands East Valley
3:40pm	8. Rialto
4:00pm	9. Desert Hot Springs
4:20pm	10. Banning
5:00pm – 6:00pm	Dinner

Meal Clean-Up (Desert Hot Springs & Cathedral City)



PARTICIPATING HIGH SCHOOLS

Banning High School
Cajon High School
Cathedral City High School
Colton High School
Desert Hot Springs High School
Desert Mirage High School
Redlands East Valley High School
Rialto High School
San Andreas High School
Yucaipa High School

www.inlandsolarchallenge.com

Saturday Continued

PSA PRESENTATIONS

6:00pm	1. San Andreas
6:10pm	2. Cathedral City
6:20pm	3. Desert Hot Springs
6:30pm	4. Desert Mirage
6:40pm	5. Cajon
6:50pm	6. Yucaipa
7:00pm	7. Colton
7:10pm	8. Redlands East Valley
7:20pm	9. Banning
7:30pm	10. Rialto

SUNDAY, MAY 4, 2025

TIME	ACTIVITY
7:00am – 8:00am	Breakfast
8:00am	Team Meetings
8:15am	Inspections

Meal Clean-Up (Cajon & Yucaipa)

ENDURANCE RACE

8:40am	1. Desert Mirage
9:00am	2. Cajon
9:20am	3. Rialto
9:40am	4. Redlands East Valley
10:00am	5. Cathedral City
10:20am	6. San Andreas
10:40am	7. Banning
11:00am	8. Colton
11:20am	9. Desert Hot Springs
11:40am	10. Yucaipa

12:00pm – 1:00pm Awards & Lunch

COMMITTEE MEMBERS

City of Colton
City of Ontario
City of Redlands

East Valley Water District
San Bernardino Municipal
Water Department

San Bernardino Valley Municipal Water District
West Valley Water District
Yucaipa Valley Water District

THANK YOU SPONSORS

San Bernardino Valley Municipal Water District

San Gorgonio Pass Water Agency

City Of Colton, Water & Electric

City Of Redlands

East Valley Water District

West Valley Water District

Inland Empire Resource Conservation District

San Bernardino Valley Water Conservation District

City Of Ontario

Coachella Valley Water District

San Bernardino Municipal Water Department

Yucaipa Valley Water District

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