

SARSEF (Southern Arizona, Research, Science, and Engineering Foundation)

**FOR IMMEDIATE RELEASE**

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**Students from Across Southern Arizona Will Race Their Solar-Powered Go-Karts They Designed and Built Themselves**

April 10, 2023

(Tucson, Arizona) On Saturday, April 29, 2023, SARSEF will be hosting Racing the Sun- Race Day where students from 15 Southern Arizona High Schools will race their solar-powered go-karts they designed and built themselves through SARSEF's Racing the Sun program.

The event is a part of SARSEF's year-round high school engineering programs and will take place at Musselman Honda Circuit (11800 S Harrison Rd, Tucson, AZ 85747) on April 29, 2023, from 12pm-3pm.

Racing the Sun is a hands-on, innovative engineering program that challenges high school students to design, build, and race electric and solar-powered go-karts. Racing the Sun is a college preparatory program available to any Arizona high school.

Working with teachers, mentors and industry professional advisors, students spend nine months preparing for Race Day. Along the way, they apply the principles of physics, engineering, and energy. Through collaborative efforts with school sites and educators, race teams solve real-world problems, using mathematical, analytical, and critical thinking skills. Students work in teams and are challenged to translate their ideas into a working prototype and build leadership excellence skills.

The event will include hundreds of students and teachers, families, volunteers, as well exhibitors from organizations throughout the state encouraging careers in STEM and providing hands-on activities to the students. For the first time ever, we also have an all-girls team called The Thunder Sisters from Mica Mountain High School.

"I am thrilled to coach an all-girls Racing the Sun Team," Derek Langley, Mica Mountain High School Teacher, shared. "I believe that any exposure to STEM in K-12 for young women will help increase the number of women who enter STEM fields. This all-girls team will give these women confidence in any future career, especially if they pursue engineering."

**Event Date:** Saturday, April 29, 2023

**Event Time:** 12pm-3pm

**Event Location:** Musselman Honda Circuit, 11800 S Harrison Rd, Tucson, AZ 85747

**About SARSEF:**

<http://sarsef.org>

SARSEF was formed in 1955 in an effort to increase student interest in the field of science. The mission of SARSEF is to engage Arizona's Pre-K-12 grade students in critical thinking and problem-solving skills as they participate in Science, Technology, Engineering, and Math (STEM) through inquiry-based learning and research.

SARSEF accomplishes this mission through a variety of programming including a high school mentoring program, the STAR Lab, SARSEF Fair Week, educational outreach programs with an emphasis on underrepresented populations in the sciences, teacher professional development, ACES Camp for Middle School girls, Racing the Sun, and Arizona STEM Adventure.

To learn more about SARSEF programs and how students, teachers, and families can get involved, visit [sarsef.org](http://sarsef.org)

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