



The Solar Car Challenge is the top project-based STEM Initiative helping motivate students in Science, Engineering, and Alternative Energy. We teach high school students how to plan, design, engineer, build, race, and evaluate roadworthy solar cars. Our Mission: We are building the young Engineers and Innovators of the Future.

Science & Technology Magazine and NBCUniversal named the Solar Car Challenge as one of the top Science & Engineering programs in the country. The Challenge has 261 high school solar car projects in various stages of development in anticipation of an upcoming solar racing event. Teams are located in 39 states, Canada, Mexico, Costa Rica, Puerto Rico, Bahamas, Spain, and Singapore.



2023 Solar Teams on display at the Texas Motor Speedway, Fort Worth, Texas

High School teams begin preparation for their year-long project during education workshops scheduled in September 2023. Additional workshops, on-site visits, mentor opportunities, and summer camps help propel the projects to success. After qualifying for the 2024 Event, teams get the opportunity to drive their solar cars at the world famous Texas Motor Speedway in Fort Worth.

The 2024 Race will feature a new racing division: the **Cruiser**. This Division features a four-door vehicle with the solar array embedded in the body of the solar car. This brings “realism” to solar car racing! We expect more than **thirty-six teams** to race this summer. Hosted by Oncor, and Lockheed Martin.

Media Day: Friday, July 12, 2024, 10:00 AM - 12:00 PM at the Texas Motor Speedway Media Center
Qualifying: Thursday-Saturday, July 11-13, 2024 at the Texas Motor Speedway
Event Begins: Sunday, July 14, 2024 on Pit Row at the Texas Motor Speedway
Event Ends: Wednesday, July 17, 2024
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