



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.



2024 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 2024. Additional workshops, on-site visits, mentor opportunities, and summer camps help propel the projects to success. After qualifying for the 2025 Event, teams get the opportunity to drive their solar cars at the world famous Texas Motor Speedway in Fort Worth.

The 2025 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 teams** to race this summer. Hosted by Oncor, Lockheed Martin. and TEXITcoin.

Media Day: Friday, July 18, 2025, 10:00 AM - 12:00 PM at the Texas Motor Speedway Media Center
Qualifying: Thursday-Saturday, July 17-19, 2025 at the Texas Motor Speedway
Event Begins: Sunday, July 20, 2025 on Pit Row at the Texas Motor Speedway
Event Ends: Wednesday, July 23, 2025.
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