



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 over 300 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, and China.



2025 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 2025. Additional workshops, on-site visits, mentor opportunities, and summer camps help propel the projects to success. After qualifying for the 2026 Event, teams have the opportunity to drive the “**Cross-Texas**” **Driving Adventure**, a 650-mile challenge reaching from Fort Worth, Texas to Fort Stockton, Texas.

The 2026 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 twenty-four teams from around the country to race this summer. Hosted by Oncor and Lockheed Martin.

Media Day: Friday, July 17, 2026, 10:00 AM - 12:00 PM at the Texas Motor Speedway Media Center
Qualifying: Thursday-Saturday, July 16-18, 2026 at the Texas Motor Speedway
1st Day Drive: July 19th Fort Worth, Texas to Palestine, Texas [Display at Palestine High School]
2nd Day Drive: July 20th Palestine, Texas to Round Rock, Texas [Display at Dell Diamond]
3rd Day Drive: July 21st Round Rock, Texas to Fredericksburg, Texas [Display at Marktplatz Park]
4th Day Drive: July 22nd Fredericksburg, Texas to San Angelo, Texas [Display at Home Depot Parking Lot]
5th Day Drive: July 23rd San Angelo, Texas to Fort Stockton, Texas. [Display at Fort Stockton Convention Center]
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