



## **SOLAR CAR CHALLENGE 2015 Mission Statement**

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The Solar Car Challenge & Education Program is designed to help 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. Students demonstrate that green technology can create a better world.

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### **Detailed Mission for 2015-2016**

The Solar Car Challenge has 161 on-going high school solar car projects located in 31 states. These teams are in the process of designing, engineering, and building roadworthy solar cars in anticipation of an upcoming solar racing event. The Challenge's *Education Program* provides support for schools seeking to be a part of this top project-based STEM Initiative.

The Solar Car Challenge's Education Program has worked effectively for the last twenty national events. Today, we have four hundred more schools seeking admission to the project. To meet this demand, we will be hosting several regional "qualifying" events in 2017 designed to reduce the pressure on the national race.

The Solar Car Challenge Foundation will also develop a National Summer Education Program for both teachers and students. This will be implemented through a two year pilot project designed to encourage participation in the program, and to support participating schools with education materials, summer education camps, and on-site visits. We will reach out to new schools to either enter or observe the program in anticipation of the 2016 cross-country event from Fort Worth to Minneapolis.

This model will be sharpened and focused over two twelve-month education cycles, and finalized in 2017 as our formal growth model is implemented in California, New York, Pennsylvania, and Florida.

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