



STATE OF DELAWARE  
**DIVISION OF ENERGY & CLIMATE**  
100 W. WATER STREET  
SUITE 5A  
DOVER, DELAWARE 19904

**Department of Natural Resources  
And Environmental Control**

**[www.DNREC.delaware.gov/energy](http://www.DNREC.delaware.gov/energy)  
Phone: (302) 735-3480**

December 16, 2015

Dear Educator:

Delaware schools are invited and encouraged to participate in the 22nd Annual Junior Solar Sprint State Competition, sponsored in partnership by the Delaware Department of Natural Resources and Environmental Control, Division of Energy and Climate and the Delaware Technology Student Association.

Students 5th- 8th grade are offered the opportunity to build and race their own solar-powered model car in a statewide challenge of creativity, engineering, and speed. The 2016 contest will take place on April 14 at the Delaware State Fairgrounds in Harrington, Delaware, as part of the National Junior Solar Sprint Competition sponsored by the US Army Educational Outreach Program.

Junior Solar Sprint (JSS) presents a hands-on, multidisciplinary exercise in renewable energy education that encourages teamwork and fosters student interest in STEM (science, technology, engineering, and mathematics) fields. Students can flex their creative ingenuity and apply real-world problem solving in a fun and educational atmosphere.

The winning team will be eligible to compete in the 2016 National JSS Competition, and awards will also be presented for design and engineering.

The Division of Energy and Climate will provide each participating school with two starter Junior Solar Sprint Kits, each consisting of a solar panel, an electric motor, and guidelines.

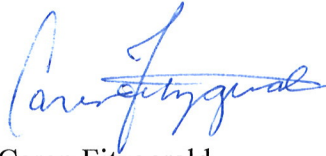
Interested teachers may submit the attached interest form to [Caren.Fitzgerald@state.de.us](mailto:Caren.Fitzgerald@state.de.us) by February 13, 2016. A new addition to the contest registration process will be the design documentation, due on March 12, 2016. Please have your team complete the design documentation and email the files as a PDF to [mike.fitzgerald@doe.k12.de.us](mailto:mike.fitzgerald@doe.k12.de.us).

Please find additional rules and resources attached to this message.

For questions or additional information, visit [www.detsa.org](http://www.detsa.org), or contact the Division of Energy and Climate at 302-735-3480.

We hope you will join us in this exciting and educational event!

Sincerely,



Caren Fitzgerald  
Community Relations Officer  
Division of Energy and Climate  
Department of Natural Resources and Environmental Control