



ENERGYWHIZ

Empowering Student Innovation for a Clean Energy Future

Learn how you can become a **sponsor** and reach more than 1,000 people.

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1679 Clearlake Road
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EnergyWhiz is a forum for students to demonstrate their science, technology, engineering, art and mathematics (STEAM) capabilities through project-based learning activities that are energy-focused.



Virtual: February 14-18, 2022
On Location: April 30, 2022

Grades 4-12



Critter Comfort Cottage

Students' design, construct and market energy-efficient, eco-friendly pet homes for any critter of their choosing.

Grades K-12+



Energy Innovations

Student teams design, engineer and market full-scale, solar-powered devices that have real world applicability.

Grades 3-12



Energy Transfer Machine

Teams transform materials into Rube Goldberg-type machines that perform a specified task and then submit a video of their success.

High School+



Electrathon

Participants demonstrate real-world electric vehicle technology through custom designed and built electric go-carts.

Grades 4-8



Junior Solar Sprint

Each team produces a model-sized solar-powered car that is judged on technology, craftsmanship, innovation and performance.

Grades 4-12



Solar Energy Cook-off

Combining engineering, construction and culinary arts, students design, build and then use their cooker, to produce an original dish.

Hosted by  **FSEC Energy Research Center**

UNIVERSITY OF CENTRAL FLORIDA

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