

High School Hydrogen Sprint (9th – 12th Grades)

The Hydrogen Sprint provides high school students a showcase for exploring the emerging technology of hydrogen power. Student teams design and build model-sized fuel cell vehicles that are judged on technical merit, innovation and performance. In addition to the vehicle portion of the competition, each team must communicate their understanding of hydrogen through some creative form, such as a video, a demonstration, performance or presentation. www.energywhiz.com/go/h2sprint



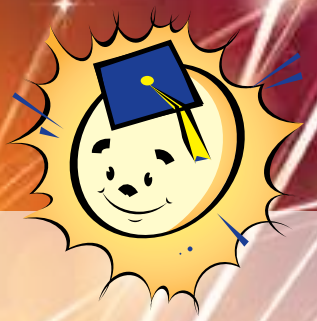
For More Information

www.energywhiz.com/energywhiz_olympics/,
or see a video about the events at
<http://vimeo.com/9522310>.

FLORIDA SOLAR ENERGY CENTER®
1679 Clearlake Road
Cocoa, FL 32922-5703

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Organization
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The EnergyWhiz Olympics



**The EnergyWhiz Olympics is
all about clean energy and
creative kids!**



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www.fsec.ucf.edu

EnergyWhiz Olympics

The Florida Solar Energy Center (FSEC) – a research institute of the University of Central Florida – created the EnergyWhiz Olympics (EWO) in 1999. EWO is a forum for students to demonstrate their science, technology, engineering and mathematics (STEM) capabilities through hands-on, energy-focused competitions.

Events in the EnergyWhiz Olympics include:

- Bright House Solar Energy Cookoff
- Junior Solar Sprint
- Energy Innovations
- Hydrogen Sprint

Hundreds of students each year – from all across Florida – participate in the renewable energy competitions.

When: First Saturday in May

Where: Florida Solar Energy Center/
University of Central Florida
1679 Clearlake Road
Cocoa, Florida 32922-5703
(321) 638-1018
www.energywhiz.com

Bright House Solar Energy Cookoff (4th – 8th Grades)

Sponsored by Bright House Networks, this two-part competition attracts students with diverse talents and interests. This event combines knowledge and abilities used in engineering, construction and culinary arts. Teams of students apply problem-solving skills to design and build solar thermal devices that are used to cook their culinary creations.

www.energywhiz.com/go/solarcookoff



Junior Solar Sprint (6th – 8th Grades)

The Junior Solar Sprint challenges middle school students to use scientific know-how, creative thinking, experimentation and teamwork to design and build high-performance photovoltaic (solar electric) cars. Each team produces a model-sized car that is judged on technology, craftsmanship, innovation and appearance. Cars also race on a 20-meter track in a double-elimination competition. www.energywhiz.com/go/jss

Energy Innovations (6th – 12th Grades)

Energy Innovations requires students to work together to design and market a full-scale solar-powered device that has real-world applicability. The projects are given design awards based on the creativity, construction, message and marketing of the product.

www.energywhiz.com/go/energyinnovations

