



Energy Whiz Expo
 Lake Nona High School
 April 1, 2017



CENTRAL FLORIDA ENERGYWHIZ EXPO

When	Saturday, April 1, 2017
Where	Lake Nona High School 12500 Narcoossee Rd Orlando, FL 32832
Who	<ul style="list-style-type: none"> • Students at all levels- elementary, middle, and high school
What	<p>Three Competitions:</p> <ul style="list-style-type: none"> • <u>Junior Solar Sprint</u> <ul style="list-style-type: none"> ○ Design and race a model solar car (GRADES 4 - 8 ONLY) ○ Teams of 2 – 3 students ○ Elementary and Middle School divisions ○ Medals will be awarded for race time, innovation of design, and best design <p>Rules http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/jss/rules.htm</p> • <u>Solar Cook-off</u> <ul style="list-style-type: none"> ○ Design a solar cooker and develop a tasty recipe to cook in it ○ Teams of 2 – 5 students ○ Elementary and Middle/High School divisions ○ Medals will be awarded for design, culinary (recipe and taste), and WOW! (creativity) <p>Rules http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/solar_cookoff/rules.htm</p> • <u>Critter Comfort Cottage-</u> <ul style="list-style-type: none"> ○ Design a cost-effective, comfortable “home” for a critter with a communication and marketing piece aligning with the “home” ○ Teams of 2 – 6 students ○ Elementary and Middle/High School divisions ○ Medals will be awarded for design and WOW! (creativity) <p>Rules http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/c3/rules.htm</p>
How	<ul style="list-style-type: none"> • Organize student teams according to the numbers above- have teams select a team name and a captain • Register at https://goo.gl/forms/iYal1N39236TAgfD2 • Registration is required for EACH team (for example, if your school has 3 cooker teams and 2 car teams, you need to register 5 teams) **You will need the team name, the number of students on the team, the event they are competing in, and the captain’s email address • You will receive a Coach Waiver and Student Waivers via email once you have registered • Send in your Coach Waiver and Student Waivers to Valerie.ledford@ocps.net or bring them to the competition (you MUST have them on file to compete)
Why	To encourage future scientists and engineers to explore science in their community and to problem solve while designing their solar car models and solar cookers. (Oh, and to have fun!)