

Central FL EnergyWhiz Expo Winners

Energy Competition at Lake Nona High School

On Saturday, April 2, Lake Nona High School hosted a STEM regional event focused on alternative energy sources. Students were tasked with designing, testing, and building model solar cars, functional solar cookers, and energy efficient Critter Comfort Cottages. In attendance were Windy Ridge K-8, Ventura Elementary, Winegard Elementary, Lake Nona Middle, and Lake Nona High. Even though the weather did not hold out for us to actually cook food in our cookers, teams were judged on their designs.

Ventura Elementary took home 1st place in the elementary solar cooking division. Even though there were multiple teams competing, Ventura Elementary came together as one overall team

and themed all of their individual dishes around a tropical Hawaiian theme.

Winegard Elementary won 1st place in the Critter Comfort Cottage event and for one of their team's solar car design. Besides taking 1st place in the Junior Solar Sprint Innovation category, **Windy Ridge** teams placed in the solar cooking competition as well.

Lake Nona Middle School excelled in the Critter Comfort Cottage event and took 1st, 2nd, and the "WOW!" award. If they desire, both the Comfort Bros and the Engineering Fellas will take their amazing and highly competitive projects onto the state competition. **Our Lake Nona High School** cooking team, the Culinary Nerds from Around the World, will be joining them on May 14 in Cocoa due to their 1st place win.

Students can move on to the state competition at the Florida Solar Energy Center in Cocoa in May, if they desire.



Left: Engineering Fellas and their birdhouse design

Below: Comfort Bros and their energy efficient doghouse



Top: Ventura Elementary team

Above: UCF Engineering student judges Junior Solar Sprint designs

Below: Lake Nona High's "Culinary Nerds from Around the World"



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SOLAR COOK-OFF DESIGN ELEMENTARY		
Place	Team #	Team Name
1 st	A05	Crazy Cookers (Ventura ES)
2 nd	A11	Team W.E.S.T. (Winegard ES)
3 rd	A03	Sizzle Kids (Ventura ES)
SOLAR COOK-OFF CULINARY ELEMENTARY		
Place	Team #	Team Name
1 st		Cancelled due to weather
2 nd		
3 rd		
SOLAR COOK-OFF DESIGN MIDDLE/HIGH		
Place	Team #	Team Name
1 st	H02	Culinary Nerds... (Lake Nona HS)
2 nd	M03	The IncrEDIBLES (Lake Nona MS)
3 rd	M02	Cami’sFami’s (Windy Ridge K-8)
SOLAR COOK-OFF CULINARY MIDDLE/HIGH		
Place	Team #	Team Name
1 st		Cancelled due to weather
2 nd		
3 rd		
SOLAR COOK-OFF WOW!		
	Team #	Team Name
	M03	The IncrEDIBLES (Lake Nona MS)
COMFORT CRITTER COTTAGE DESIGN ELEMENTARY		
Place	Team #	Team Name
1 st	C03	Bunny Queens (Winegard ES)
2 nd	C02	Ascorpio (Winegard ES)
3 rd		
COMFORT CRITTER COTTAGE DESIGN MIDDLE/HIGH		
Place	Team #	Team Name
1 st	D08	Comfort Bros (Lake Nona MS)
2 nd	D06	Engineering Fellas (Lake Nono MS)
3 rd	D04	Entropy Astin (Windy Ridge K-8)
COMFORT CRITTER COTTAGE WOW!		
	Team #	Team Name
ES		
MH	D06	Engineering Bros (Lake Nona MS)

JUNIOR SOLAR SPRINT DESIGN ELEMENTARY		
Place	Team #	Team Name
1 st	A12	Team Taze (Winegard ES)
2 nd	B02	Solar 500 (Windy Ridge K-8)
3 rd	B03	Solar McQueen (Windy Ridge K-8)
JUNIOR SOLAR SPRINT INNOVATION ELEMENTARY		
Place	Team #	Team Name
1 st	B03	Solar McQueen (Windy Ridge K-8)
2 nd	B02	Solar 500 (Windy Ridge K-8)
3 rd	A12	Team Taze (Winegard ES)
JUNIOR SOLAR SPRINT RACE ELEMENTARY		
Place	Team #	Team Name
1 st		Cancelled due to weather
2 nd		
3 rd		
JUNIOR SOLAR SPRINT DESIGN MIDDLE/HIGH		
Place	Team #	Team Name
1 st	B15	The Panthers
2 nd	B06	The Resistance
3 rd	B13	
JUNIOR SOLAR SPRINT INNOVATION MIDDLE/HIGH		
Place	Team #	Team Name
1 st	B06	The Resistance
2 nd	B05	Carbosium
3 rd	B13	Super J Brothers
JUNIOR SOLAR SPRINT RACE MIDDLE/HIGH		
Place	Team #	Team Name
1 st		Cancelled due to weather
2 nd		
3 rd		