



WEST CENTRAL FLORIDA ENERGYWHIZ EXPO

When: Saturday, March 25, 2017 8:30 to 3 pm (Sign in: 8:30 – 9:30)

Where: McLane Middle School 306 N. Knights Ave Brandon, FL 33510

Who: Elementary and middle school (Certificates for all participants)

Registration: \$15 per team pay at the event cash or check

What:

Junior Solar Sprint (JSS)

- Design and race a model solar car (GRADES 4 - 8 ONLY)
- Tech inspection and judging for JSS cars will be 9:00 - 10:30. JSS race will start at 11:00
- Teams of 2 students. Elementary and Middle School divisions
- Medals will be awarded for 1st, 2nd in each division. Trophy for Best overall design (must have an engineering note book for design award)
- **Rules** http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/jss/rules.htm
- **Supplemental Activities**
http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/jss/index.htm

Note: 1st place teams also qualify for free registration at the Florida Solar Energy Center's Energy Whiz Expo May 13 in Cocoa FL.

Solar Cook-off

- Design a solar cooker and develop a tasty recipe to cook in it
- Teams of 2 – 5 students; Elementary and Middle School divisions
- Medals will be awarded for 1st and 2nd in each division for Cooker design and Culinary (recipe and taste).
- **Rules** http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/solar_cookoff/rules.htm
- **Rules** http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/c3/rules.htm

How: Organize student teams according to the events above and have teams select a team name and a captain

- Register your team at: michaele.wilson@sdhc.k12.fl.us
- Photo release forms will be emailed after March 17 and will be available at the event
- Checks payable to: McLane MS Vibots
- Receipts will be available at event.