

Girls Leading the Charge

FREE S.T.E.M. WORKSHOPS • GIRLS IN GRADES 6-8



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Exelon Constellation
E2 Energy to Educate grant.*



Join the challenge! Become a member of an all-girl engineering team that will design and build a variety of **solar powered model cars**. This workshop will provide girls in **GRADES 6-8** an opportunity to learn about solar energy and engineering.

FALL 2018

Session 1: Saturday, Sept. 8 from 8:30a.m.-Noon

Session 2: Saturday, Sept. 15 from 8:30a.m.-Noon

Session 3: Saturday, Sept. 22 from 8:30a.m.-Noon

Session 4: Saturday, Sept. 29 from 8:30a.m.-Noon

Session 5: Monday, Oct. 8 from 9a.m.-3:30p.m. (All-day Camp)

**Sessions added
due to popular
demand!**

Location: JJC Main Campus, 1215 Houbolt Rd., Joliet, IL 60431



This S.T.E.M.-focused challenge will introduce students to concepts in solar/ photovoltaic (PV) cells, gear drive and pulley drive systems, along with design and troubleshooting techniques used by engineers. Each day projects will grow in complexity as the teams design, build, and test solar car kits. On the final day of camp teams will compete in a solar powered car race to see which team can design and build the fastest, energy efficient car.

For questions about the program, contact Brenda Large
at (815) 280-1504 or blarge@jjc.edu

**To register, visit
www.jjc.edu/LLC**

