



Camp in a Box

# Girls in Robotics Leadership (GIRL) Camp\*

for Next Generation of Female Creators, Makers, and Leaders



The C-STEM GIRL/GIRL+ camps are focused on motivating secondary school students to learn computing and STEM concepts through peer-mentoring and a fun and exciting robotics-based curriculum. The camp participants are eligible for the Girl's Leadership Award.

GIRL Camp, for middle school students entering the 7th and 8th grade, targets students at a critical stage in their development when many of them lose interest in camp. GIRL Camp aims to foster their interest in STEM and inspire them to serve as leaders and inspire other students to gain interest in science and technology through creating and joining robotics clubs in their schools and participating in RoboPlay Competition.

## GIRL+ Camp

GIRL+ Camp is for high school students entering the 10th, 11th, and 12th grade. The campers learn more advanced coding and physical computing with arduino and robotics. In addition, they learn leadership and teamwork skills. We hope this camp will inspire them to pursue STEM in higher education and motivate them to serve as leaders in their field.



\*While the purpose of the camps is to motivate girls to learn leadership and STEM concepts, all students, regardless of gender are welcome to apply.

**FREE for campers**

For more info on GIRL/GIRL+ Camp: <http://c-stem.ucdavis.edu/girl/>

**UC DAVIS**  
C-STEM Center

### Curriculum:

- Physical Computing with Arduino and Robotics
- Principles of Engineering
- Programming in RoboBlock
- y and Ch/C/C++
- Film Production
- Women in IT

**GIRL/GIRL+ Camps will be held in different regions around the country**

If you are interested in hosting a GIRL/GIRL+ Camp in your area please contact [girlcamp@c-stem.ucdavis.edu](mailto:girlcamp@c-stem.ucdavis.edu)