

The Ohio State University at Lima



girls who
CODE

Only 18% of all U.S. computer science graduates are women. By 2020, there will be 1.4 million computer

science jobs available, and women are projected to hold 3% of those jobs.

HELP CHANGE THESE STATS

Ohio State Lima is forming a Girls Who Code Club on our campus for your students.

WHAT ARE CLUBS?

FREE – After school computer science classes that meet during the academic year.

WHO – Open to girls in grades 6-12

WHERE/WHEN – Ohio State Lima Campus- Mondays from 3:30-5pm from September 30 to December 2, 2019

WHAT DO CLUBS TEACH?

Project-based computer science – Students learn core concepts through projects based on their interests, such as music, art or games.

WHY DOES GIRLS WHO CODE MATTER?

- Tech jobs are among the highest-paying and fastest growing in the country, **yet girls are left behind.**
- While girls' interest in computer science ebbs over time, the **biggest drop-off happens between the ages of 13-17.**
- The **gender gap in computing has actually been getting worse since the 1980s.** In 1984, 37% of all computer science graduates were women. Today, that number is just 18%.

GIRLS WHO CODE WORKS!

Founded with one single mission: to close the gender gap in technology.

- **10,000 Girls Who Code alumnae**, the largest network of female computer scientists.
- 65% of Clubs participants say they are **considering a major or minor in Computer Science** because of Girls Who Code.
- 57 top companies have **pledged to hire Girls Who Code alumnae.**



WILL IT BE YOU?

To register your child for the upcoming club session, complete the online registration forms at <http://lima.osu.edu/gwc>. The club is open to the first twenty students who register.

Contact: Rachel Richardson, Ohio State Lima career development manager
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THE OHIO STATE UNIVERSITY

LIMA



CLUBS

OVERVIEW

Girls Who Code is a national non-profit working to close the gender gap in technology. Our Clubs are free after-school programs for 6-12th grade girls to use computer science to impact their community and join our sisterhood of supportive peers and role models.

CLUBS TEACH GIRLS



Sisterhood. Club girls join a safe and supportive environment of peers and role models and learn to see themselves as computer scientists. Beyond the Club, girls can tap into an alumni network of tens of thousands of girls across the country who are using computer science to solve problems they care about.



Code. Clubs learn the concepts of loops, variables, conditionals, and functions that form the basis for all programming languages — whether they want to build a website, an app, or a robot. Returning Clubs girls can deepen their programming knowledge through extended activity sets.



Impact. Club girls work in teams to design and build a Computer Science “CS” Impact Project that solves real world problems they care about through code.

A TYPICAL CLUB SESSION

Women in tech spotlight.

Girls research a female computer scientist.
(10 min)

Girls Who Code Standups.

Girls build community by sharing what they’re working on and why it matters to them.
(15 min)

Code & Impact.

Girls spend time coding independently or work together to design and build their CS Impact project.
(60 min)

YEAR AT A GLANCE

While the timing may vary, Clubs follow this roadmap throughout the year:

DESIGN	LEARN	TEST
<ul style="list-style-type: none"> As a group, Clubs research their community, define an issue and plan their CS impact project. Clubs also set goals for their project’s and each girl’s success. 	<ul style="list-style-type: none"> Girls work individually to learn the computer science concepts they’ll need to build their CS Impact Project. They learn these concepts through lessons that vary in difficulty, programming language, and interest such as music, art, game design, and storytelling. At the same time, girls identify individual responsibilities for the CS Impact project and learn real life skills to work as a team to complete it. 	<ul style="list-style-type: none"> Clubs test their project by sharing it with their community and identifying whether or not they met their goals.