



Joan Bauer and Diana Tarpoff  
..... *invite you to join the* .....

# 2020 GIRLS *Giving Society*

*"I enjoy getting to know new people and how creative I can be trying hard challenges at 2020 Girls."*

*– Mikayla, 2020 Girls participant*

*"We are so pleased to see the attention this program is getting and the fine work that you are doing."*

*– Rose Zack, Greater Lansing 100+ Women Who Care (2020 Girls supporter)*



# 2020 Girls Giving Society

The 2020 Girls Giving Society was created by a group of local women leaders to provide funding to sustain and grow 2020 Girls STEM Clubs in the Lansing area. Members of the Society are committed to the academic and career success of girls and young women in our community.

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Every girl needs someone who believes in them, someone who cares about their success. By supporting 2020 Girls we are changing lives.

JOIN US TODAY!

## \$1,000 Annually, COBOL Sustaining Member

Admiral Grace Hopper was one of the first female programmers, the first woman to graduate from Yale with a Ph.D in mathematics and the first woman to reach the rank of Admiral in the U.S. Navy. Admiral Hopper developed COBOL (Common Business-Oriented Language), and was credited with popularizing the term “bug” and “debugging” – reportedly when she had to remove a moth from the inside of a computer.

## \$500 Annually, ENIAC Member

ENIAC was the world’s first general-purpose computer. Six brilliant women programmed the first digital computer for the US Army. But they never received credit for their work.

## \$250 Annually, BASIC Member

BASIC, a simple high-level computer programming language that uses familiar English words, designed for beginners and formerly used widely.

# 2020 GIRLS

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**Inspiring girls to pursue studies and careers in science, technology, engineering and math (STEM) is critical to the Lansing area. 2020 Girls Clubs prepare middle school girls (ages 9–13) for success in the year 2020 and beyond.** 2020 Girls is a partnership between the Information Technology Empowerment Center (ITEC) and the Capital Area United Way Women’s Leadership Council. Local women leaders have supported 2020 Girls through the Greater Lansing 100+ Women Who Care and local Zonta clubs.

Participation in 2020 Girls helps girls develop concrete skills that serve them well in school and future careers. Courses in robotics, game design, and programming require students to learn new concepts, hone existing skills, and put their theoretical knowledge into immediate practice. Relevant skills include computation, spatial reasoning, computer programming, functions/graphing, math and science literacy, and artistry. All of these skills contribute to academic success, and as today’s professional landscape evolves, employers are coming to value them more than ever.

2020 Girls improves girls’ self-confidence by introducing them to supportive female instructors and mentors. Women who work in STEM careers provide ideal role models for young women assessing what role technology might play in their future and in their careers.

For more information about 2020 Girls visit [www.iteclansing.org/2020girls](http://www.iteclansing.org/2020girls).



**ITEC'S MISSION** is to increase the number of Michigan youth who are motivated and prepared for academic and career success in science, technology, engineering and math (STEM).

**ITEC'S VISION** is that every Michigan student has access to high quality STEM educational programs and exposure to role models and mentors that ensure successful high school and college completion and professional career opportunities.

**ITEC ACCOMPLISHES ITS MISSION IN THE FOLLOWING WAYS:**

- Providing fun, engaging, innovative programming in science, technology, engineering and math. (2020 Girls STEM Clubs for girls, iMath after-school math tutoring program, Techtronics classes in LEGO Robotics, Game Design, Web Design, Mobile App Design and Digital Media)
- Working in collaboration with school districts (primarily the Lansing School District) to meet the after-school and summer enrichment needs of students.
- Collaborating with higher education partners as instructors, tutors, and researchers.
- Engaging a wide variety of funding partners at the local, state and national level, who are interested in STEM, education and youth development.

*ITEC is a 501(c)(3) nonprofit organization.*

*Your donation is tax-deductible to the extent allowed by law.*