SUMMER OF STEM 2019
Tied together greenlight for girls day Cincinnati, camps, and the End of Summer/Back to School Festival for a summer full of STEM learning and fun! GCSC focused most on engaging students under-represented in STEM: students of color, low-income students, and girls. Moving forward, GCSC will be seeking opportunities to engage more students with disabilities.

“...We learned that when we make things that don’t work we can just keep trying until we get it right.”
- Student

GREENLIGHT FOR GIRLS
Summer started off strong with the 3rd annual greenlight for girls (g4g) day Cincinnati. 340 girls, primarily from Cincinnati Public Schools, came together at the University of Cincinnati to experience a fun-filled day of STEM learning, mentoring, and innovation. Girls were able to explore STEM pathways through engaging workshops including Human DNA extraction, Ethernet Patch Cable design, Liquid Magnets, and the Scanning Electron Microscope. Girls also got up close and personal with the UC Hyperloop!

PERCENTAGE OF STUDENTS THAT AGREED TO STRONGLY AGREE THAT THEY:

- 95% students learned about designing & making
- 80% students are more confident in their abilities
- 75% students improved their ability to problem solve

“The camp exposes the students to areas of STEM they didn’t even know existed!”
- Camp Leader

CAMP DEMOGRAPHICS

- 46% Girl Students
- 29% African American & Hispanic/Latino Students
- 10% Mixed Race Students
THE END OF SUMMER/BACK TO SCHOOL STEM FESTIVAL
On August 24, 2019, 400+ campers, families, and community members gathered in Washington Park for a day of STEM learning and fun. 25+ community partners joined GCSC by bringing interactive, hands-on exhibits with which families could engage including Lego Robots, VR headsets, coding activities, and even real live sharks! The festival also included performances from Know Theatre, My Nose Turns Red, and Madcap Puppets. Attendees rated the day a 9.3 out of 10. Read more about the festival here!

I believe they learned to be more confident in their abilities, and in their willingness to try new things.
-Camp Leader

WHAT HAPPENS NEXT?
GCSC is accepting applications for Summer of STEM 2020 camps as of December 18, 2019. Additionally GCSC is seeking:
- Funds and Volunteers to support as many camps as possible
- Sponsors for the End of Summer / Back to School STEM Festival in August 2020

If you or your organization are interested to get involved, please contact gcscstem@gmail.com.

SUMMER OF STEM 2019 SUPPORTERS

TWENTY-TWO CAMPS!
Community partners and schools were awarded GCSC’s camps-in-a-box this summer and, in a few instances, funds to develop innovative new camps that have the potential to become region-wide resources. In-a-box camps included STEM Bicycle Club Camp, Introduction to STEM: Design and Making Camp, STEAM Academy Rockin’ Robots Camp, STEM Gardeners Camp and Computer Science Camp. Several teachers were also granted support to lead camps they designed, such as Wizard Camp and Civil Engineering Camp. See a list of all camps here.

I made and designed new things every day!
-Student

PERCENTAGE OF LEADERS THAT AGREED TO STRONGLY AGREE THAT STUDENTS:

- More confident in their abilities
- More interested in STEM
- Learned about designing and making
- Improved their ability to problem solve
- Improved their technology skills

Students who are in camp are often the leaders of my traditional classes after the camp experience.
-Camp Leader