

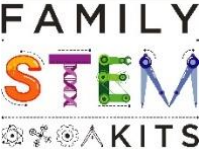



GCSC Program Opportunities for 2020-21

Supporting STEM Learning in a Variety of Places September 24, 2020

 <p>3d printers club</p>	<p>GCSC's largest program, which uses 3D printing to engage students in the engineering design process. The region-wide club program is planned for spring / summer 2021. One club curriculum, the 3D Grand Prix, is being updated with Family Engagement resources (tips for teachers, a family guide, and an online Google classroom). Educators who've previously led clubs could them virtually early in 2020-21. Printers could be in teachers' homes, schools, or other safe community locations. High school clubs could also participate in additional learning opportunities available through Cincinnati State Technical and Community College (Advanced Manufacturing, etc.). Interested? Complete this form.</p>
 <p>STEM bicycle club</p>	<p>GCSC's longest-running program. Students get hands-on with bicycle tools and equipment installed in schools across the region. The region-wide club program is planned for spring / summer 2021. Since the 2019-20 program suspended due to COVID-19 some clubs completed in creative, socially distanced ways over the summer. Some plan to complete in the fall. Educators who've previously led clubs could offer 2020-21 clubs at alternate safe, in-community locations such as community / recreation centers, faith-based places, etc. Interested? Complete this form.</p>
 <p>FAMILY STEM KITS</p>	<p>Resource to support families and students during COVID-19. Back-to-school kits feature different activities and include resources for teachers (usage guides, education standards documentation, and professional development provided by Hamilton County Educational Services Center). Read more here.</p>
<p>Ohio STEM / STEAM Teachers Professional Learning Community (PLC)</p>	<p>Advances educators' skills, experience, and confidence to lead student-engaging STEM learning. The PLC is led by master educators from NKU CINSAM (Center for Integrative Natural Science and Mathematics). It will run for a third year in 2020-21 with heavy emphasis on virtual teaching / learning and family engagement. Read more here.</p>
 <p>GIRLS IN STEM</p>	<p>To help inspire girls to STEM, GCSC annually co-hosts "greenlight for girls day Cincinnati". During COVID GCSC is collaborating with P&G and Cincinnati Public Schools to learn how to provide high-quality hands-on virtual STEM learning experiences for girls. Community partners / schools are invited to collaborate with GCSC in fall / winter to keep showing girls the wonders of STEM and sparking their interest in additional STEM learning. Interested? Complete this form.</p>

NOTES:

1. Previously GCSC and partners were developing two new programs, STEM Gardeners and GameOn!, that are on-hold during the 2020-21 school year. Curricular resources are available to interested partners.
2. Following the successful INTERalliance-YMCA "STEM Camps" run in summer 2020, and with several partner educators, GCSC has uncovered significant family interest in @ home Computer Technology learning and resources. Partners are exploring opportunities related to this interest and we expect to have more information to share in October.
3. GCSC continues to collaborate with national partners, West Point Military Academy and Discovery Education, to bring their programs to the Greater Cincinnati region. Discussions about 2020-21 opportunities are begun and we'll have more information to share in the coming months.

Questions? Contact us at gscstemed@gmail.com or visit <http://greatercincystem.org/>