

2016-2017 RESULTS



GCSC STEM BICYCLE CLUB

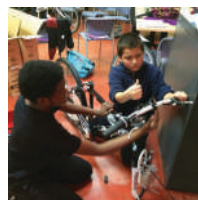
WHAT HAPPENED

STEM Bicycle Club students reverse engineer a bicycle they get to keep in 10-week “after school, at school” clubs led by K-12 educators and supported by volunteer mentors. Nearly 200 students participated in 12 STEM Bicycle Clubs across Greater Cincinnati in winter-spring 2016-2017. Mentors came from a variety of STEM professions and community-focused organizations. Club students, teachers, volunteers, and family members celebrated their accomplishments at the all-region STEM Bicycle Club Celebration hosted at University of Cincinnati. In Summer of STEM 2017 a small team of club students and teachers designed and prototyped the STEM Bike Camp conducting physics experiments with their bikes.

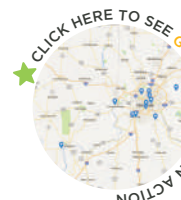
We meet up everyday during school hours, then after school on Wednesdays. They provide food and drinks and good mentors in bike club. We learn new things everyday about safety, math, and of course bikes. I highly recommend bike club.



The STEM Bicycle Club was a great experience because I can now help my sister and my parents with their bikes if anything goes wrong. This helped me get more involved into hands on activities and science.



Brighton Center's STEM Bicycle Club students hard at work.



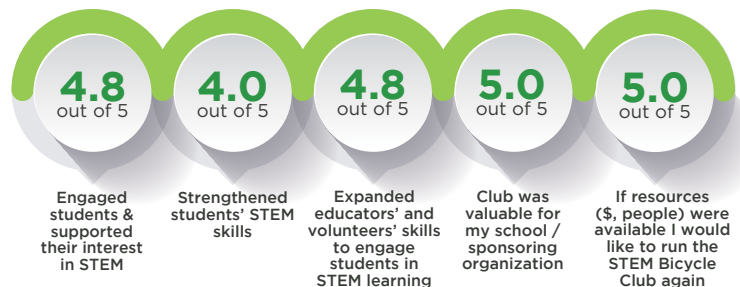
Jones Middle School's Year 3 STEM Bicycle Club enjoying each other and the May 2017 Celebration @ University of Cincinnati.



Newport / Brighton club showing their pride and joy!



Team tire work at Campbell County Middle School.



STEM BICYCLE CLUB STEM HIGHLIGHTS*



620
Students and Teachers

* CUMULATIVE SINCE 2014



\$225,000
Generous Contributions from local businesses and foundations



3,900
Specialty Bike Tools



5,600
Volunteer Hours from businesses, universities, schools, and city council staff



Goshen Local School District's STEM Bicycle Club at the University of Cincinnati-hosted all-region celebration.

“ Our school ran the first all-girls bicycle club. It was the first time that some of our girls had ever turned a wrench. Our students built strong and lasting relationships with women who work in the STEM fields. Many of our students are excited about Science and Math careers that they never before considered. ”

“ The STEM Bicycle Club has definitely helped create a STEM movement at our school! ”



The region's first all-girls STEM Bicycle Club at Norwood Middle School, with P&G STEM professional women mentor coaches.

WHAT DID EDUCATORS THINK

Educators valued seeing students connect with positive adult mentors, build self-confidence, and learn more about STEM. Educators expressed gratitude for the volunteer mentors who supported the students and added to the success of the clubs.

WHAT HAPPENS NEXT?

- GCSC is integrating student-designed physics experiments from the Summer of STEM 2017's STEM Bicycle Camp into the 2018 STEM Bicycle Club curriculum.
- GCSC has received and prioritized 24 applications for 2018 clubs.
- GCSC is seeking funds to support as many schools as possible with STEM Bicycle Clubs.
- Please help connect more Greater Cincinnati students, especially those that are diverse and / or low-income, to STEM Bicycle Clubs.

CONTACT US TODAY AT:

gscstemed@gmail.com

“ (Student) Peer to Peer mentorship along with the adult mentorship strengths the student commitment, offers leadership opportunities to the peer mentor and continues to build the (peer) mentor's interest in STEM careers. ”



Hands on mentor coaches at Riverview East Academy's first-ever STEM Bicycle Club.

“ The youth who have participated in the STEM Bicycle Club have shown improvement in attendance, confidence and also community engagement. ”

STEM BICYCLE CLUB 2017 SUPPORTERS

