

GIRLS IN STEM

GREATER CINCINNATI STEM COLLABORATIVE  GREENLIGHT FOR GIRLS DAY | CINCINNATI  5.8.2017




greenlight for girls Day Cincinnati

The future is full of possibilities

On May 8, 2017 partners passionate about Girls in STEM (Science, Technology, Engineering, and Math) converged at the University of Cincinnati (UC) to host 300 middle-aged girls, mostly from Cincinnati Public Schools, at the region's first "Greenlight for Girls Day Cincinnati". VIP speakers included City of Cincinnati Mayor John Cranley, P&G Associate Director Chiquita White, UC College of Engineering & Applied Science Assistant Professor Dr. Whitney Gaskins, and Greenlight for Girls (g4g) Chairman and Founder Melissa Rancourt. Nearly 100 volunteers from P&G, UC, Duke Energy, the Cincinnati Museum Center, and the Civic Garden Center supported the girls in exciting, hands-on workshops where they experienced the fun and wonder of STEM. Girls attended three breakout workshops each and participated in a full-group exercise "Sensory", where they explored the surprising interplay of human senses.




Try, Try, Try and never give up on what you want to pursue.



Even if you are not getting the right looks at school for liking math & science just do it anyway.



**Anything is possible!
Be who you want to be.**




Girls can do whatever they want. Follow your dreams!


*Sample responses from girls when asked at the end of the day: "Do you have a message to share with girls to encourage them to study science and math?"

FEEDBACK

The girls scored Greenlight for Girls Day Cincinnati 8.9 on a 10-point scale! They were especially inspired by Whitney Gaskins and Chiquita White. These highly accomplished women shared their STEM career stories, showing that everything is possible with commitment and perseverance. Girls loved the workshops and were most amazed by exploring DNA, photography, virtual reality, floor cleaners, soap making, water and polymers, and density.

The girls gave terrific suggestions for the next Greenlight for Girls Day Cincinnati. They'd like more workshops and suggested additional topics such as fashion, volcano-making, and psychology. They also suggested changes to the lunch menu, including offering more healthy options (smart girls).

Teachers and other K-12 education partners reported that being part of the global Greenlight for Girls movement made an important, impactful impression on the girls. Girls were surprised to learn that over 15,000 girls, across six continents, have attended more than ninety Greenlight for Girls events. They were impressed that four high-powered STEM women, including two from P&G Europe, traveled in from Brussels, Belgium to spend the day with them.



ATTITUDES AND PERCEPTIONS ABOUT GIRLS IN STEM

On their feedback forms, g4g girls also told us:

- 1 They perceive that society generally thinks **boys and girls are equally capable in STEM**. 70% of the girls see a medium-high overlap between girls and STEM.
- 2 For the most part, **they feel comfortable learning STEM**.
- 3 They are **interested in Chemistry, Engineering, Computer Science/Technology, and Math**. (3.6+ scores on a 5-pt scale)
- 4 **Parents /guardians and teachers influence them the most to pursue STEM**. (4.4 on a 5-pt scale)
- 5 **They feel more encouraged than not to pursue STEM**. (3.8 on a 5-pt scale)



KATY SAINT-IGNAN | P&G BRUSSELS



JOHN CRANLEY | CITY OF CINCINNATI MAYOR



LEFT: DR. WHITNEY GASKINS | UNIVERSITY OF CINCINNATI
RIGHT: CHIQUITA WHITE | P&G CINCINNATI

NOTE: This summarizes girls' responses to questions extracted from a global research study sponsored by g4g. Potentially, Cincinnati girls could participate in this study in the future, to deepen our understanding of their attitudes and perceptions toward STEM.

GREENLIGHT FOR GIRLS DAY CINCINNATI 2017 SPONSORS

