







Mission Statement

Enriching the lives of girls through Science, Technology, Engineering & Math

Vision

The Vision of Girls 4 Science (G4S) is to increase STEM literacy among girls ages 10-18 through scientific discovery and collaboration with external partnerships.

Saturday Science Academy

Saturday Science Academy operates
for six consecutive Saturdays
every quarter at
Olive Harvey City College of Chicago,
Malcolm X City College of Chicago,
and University of St. Francis (Joliet).

The Science Academy includes small group science exploration, themed field trips that allow participants to experience STEM "live and in action" and mentorship.

HISTORY



Girls 4 Science is a nonprofit organization dedicated to exposing girls in Chicago ages 10-18 years old to science, technology, engineering and math. We focus on developing skills, self-esteem, awareness and relationships to help girls overcome barriers that may prevent them from achieving greater success in these fields. Research shows boys and girls demonstrate similar attitudes toward science in elementary school. As they

get older, girls' grades and interest decline. Fewer than 25 percent of women in the U.S. have careers in STEM fields.

G4S has an open enrollment policy that does not discriminate on the basis of financial status. Many girls who take part do not have readily available resources to support educational opportunities. Others, who once had access to enrichment programs in school, no longer do

because of budget cuts. Consequently, girls lack positive images and varied role models that can isolate them in male-dominated STEM fields.

G4S draws upon external partners to provide comprehensive hands-on, experiences during its year-round six-week sessions. G4S is Chicago's only all-girls science initiative providing instruction in a state-of-the-art laboratories and a noncompetitive, peer-to-peer environment of encouragement.



LETTER FROM THE EXECUTIVE DIRECTOR

As the Executive Director of Girls 4 Science (G4S) I am proud of our motto to "leave no girl behind" in science, technology, engineering and math. The past two years have been exciting and rewarding.

During 2017 we celebrated the fifth year of Space Camp in August with a reunion of Space Camp alumni and Ilene Gordon, Executive Chairman of Ingredion, where the girls presented their story boards. At the 2018 Summer Recognition Ceremony we recognized staff, volunteers and former Board members for their service, and awarded five Linda McGill Boasmond Scholarships to graduating high school seniors. The scholarship recipients will serve as G4S Alumni Mentors over the summer. Through a partnership with Ingredion Incorporated, G4S alumni have the opportunity to participate in paid summer STEM internships at the company.



Girls 4 Science continues to "lead by example" with the recruitment of six new members of the Board of Directors, which enhances diversity in different professional fields. In 2018 we added two new Program Coordinators – Noreen Corbett at the Malcom X City College location and Zandra Chisolm-El at the Olive Harvey City College location. Both women bring over 20 years of professional experience in STEM education and serving youth. Our volunteers tracked over 500 hours of service in 2018.

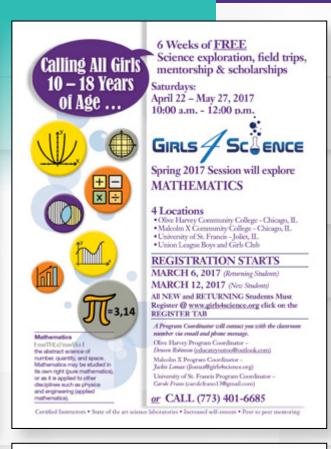
Former Senator Carol Mosely Braun was the guest speaker at our first annual Summer Soiree, sponsored by Cedar Concepts. Senator Braun has made a commitment to continue to advocate for women and girls in STEM using G4S as a back drop for recruitment.

Since Girls 4 Science was founded, I have seen many non-profits discontinue their programs because of the lack of resources. I would like to acknowledge the sponsors who have helped G4S overcome challenges and contributed to program enhancements: Cedar Concepts Corporation, City Colleges of Chicago, ComEd, Joseph and Bessie Feinberg Foundation, FGMK Accountants, Ingredion Incorporated, ITW, KSMB Associates, and Powell Graphics.

Jackie Lomax
Founder/Executive Director
Girls 4 Science

Increasing STEM Literacy 2017 SATURDAY SCIENCE ACADEMY PROGRAMS









Increasing STEM Literacy 2018 SATURDAY SCIENCE ACADEMY PROGRAMS

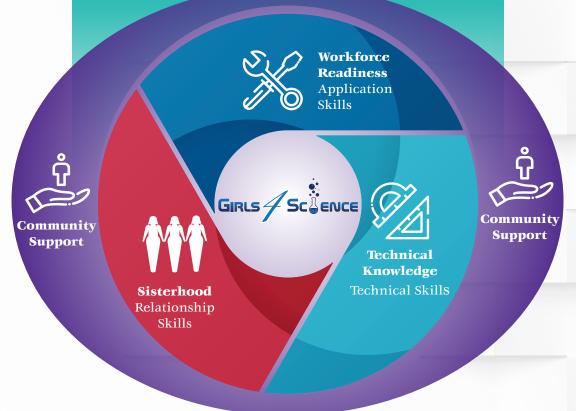








READY FOR SCIENCE AND BEYOND





Testimonial from Sairyia Jemison

I joined Girls 4 Science in middle school and it was a great experience. The hands-on experiments strengthened my interest in STEM. Meanwhile, field trips exposed me to businesses that center around STEM. I felt like I was a member of a very exclusive organization. When I walked through the door I saw proud women of great success whom I would one day emulate. I also dined with professional women from across Chicago who balanced their families and their careers.



Moreover, G4S girls-only policy catapulted a learning environment that helped improve my confidence with subjects like Calculus. One of my most memorable G4S classes involved Binary Coding. This topic prepared me for Calculus where I became such a great math student that I was able to tutor my peers. I am very thankful for G4S helping expose my talents to professional companies like Ingredion Incorporated as well. I was offered a paid internship with the company where I utilized my math skills in the HR Department and assisted with employee compensation. G4S has impacted my future in many ways and I am proud to be a G4S Alumni. I am a walking billboard for G4S, I believe in its mission and continue to advocate for girls in the future. I now classify myself as a mentor to others sharing my story of inspiration and its historical roots.

WORKFORCE READINESS



Laying the Foundation for Application:
Hands-On Learning



Space Camp Paylocity Trip Adtalem



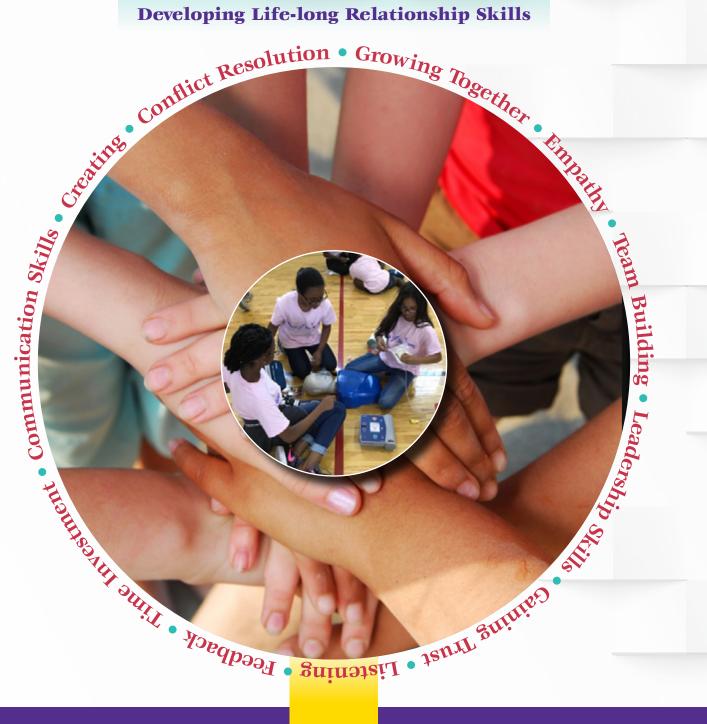
Candy Factory
ComEd Physics Lab
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SISTERHOOD



The Family We Chose to Journey With Developing Life-long Relationship Skills



COMMUNITY SUPPORT



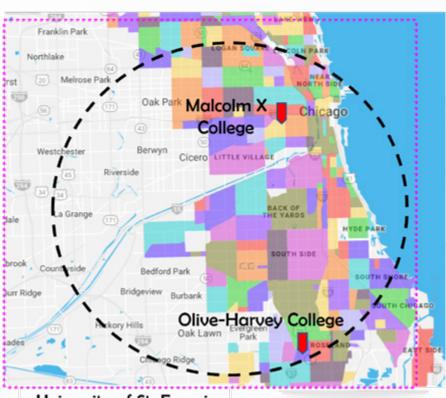
Laying the Tracks for Success



EXPANDING OUR REACH



Throughout Chicago and Beyond ...



University of St. Francis Joliet, Illinois



Where we will be in 3 years

Where we want to be in 5 years

2017 DONORS

Thank You

G4S is grateful for the support of all its donors.

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\$15,000 and above

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Quantum Crossings

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Girls 4 Science is able to do exemplary and impactful work to increase STEM literacy among its participants due, in large part, to the generosity of the organizations listed below.











Joseph & Bessie
Feinberg Foundation



Ways to Partner with Girls 4 Science

- Sponsor a Saturday Science Academy
- Host a Saturday Science Academy Quarter
- Donate program supplies
- Sponsor a bus for a G4S field trip
- Provide refreshments for a G4S Saturday Science Academy
- Sponsor G4S t-shirts with your company logo
- Volunteer

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Girls 4 Science is honored to have a committed Board of Directors that actively guide and support G4S in its continued growth.

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