

A young girl with dark hair and eyes is looking through a window. The foreground is filled with a dense arrangement of pink and white flowers, some of which are slightly out of focus. The lighting is soft and natural, coming from the window. The girl's expression is calm and curious.

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A N N U A L R E P O R T 2 0 1 7

TWENTY
YEARS
OF
INSPIRING
GIRLS



At Girlstart, we keep girls excited about science, technology, engineering, and math. Every day, we do informal STEM education programs for girls, so that they'll be ready to solve our common global challenges.

We are 20 this year! We are honored to have been able to bring girls and STEM together for two decades. We are also making plans for our next two decades, and beyond. In this report to you, we will share this past year's progress, including our expansion and growth in Houston and North Texas. We will soon begin to share our aspirations to be able to reach more girls across the nation. In the past 20 years, we have laid the groundwork for solid programs with demonstrable impact. Next, we aim to leverage this program model to be responsive nationally.

Because of you and your support, this new chapter is possible. Thank you!

Tamara

Tamara Hudgins, Ph.D.
Executive Director
tamara@girlstart.org

CENTRAL TEXAS

36 After School Programs
14 Summer Camp Programs

HOUSTON

20 After School Programs
4 Summer Camp Programs

NORTH TEXAS

10 After School Programs
1 Summer Camp Program

GIRLSTART 'TO GO'

15 After School Programs
14 Summer Camp Programs
10 Communities

Front photo: Girls in STEM participant viewing NASA's Veggie unit: the Space Salad Challenge, 2017



"My favorite thing about Girlstart Summer Camp was making my own game and making new friends."

LONDON
5th grade

Girlstart Summer Camp



Girlstart Summer Campers, 2017



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Girls in STEM participant, 2017

WHAT DOES IT MEAN TO BE PART OF GIRLSTART?

It means...

...you enjoy math and science.

GIRLSTART AFTER SCHOOL GIRLS...

87% say, "I like science!"
92% say, "If I try hard, I can be good at math and science."

GIRLSTART SUMMER CAMP GIRLS...

99% say, "I enjoy STEM!"
95% say, "If I try hard, I can be good at math and science."

...you're interested in a STEM future.

GIRLSTART AFTER SCHOOL GIRLS...

81% say, "I want more STEM at middle and high school."
94% say, "If I do well in STEM at school, I am more likely to go to college."
93% say, "I hope my future job uses STEM."

GIRLSTART SUMMER CAMP GIRLS...

97% say, "I'm more interested in STEM after Summer Camp."
94% say, "If I do well in STEM at college, I am more likely to have a better job."
96% say, "I hope my job will be in STEM."

...you're successful in math and science.

GIRLSTART AFTER SCHOOL GIRLS...

Earn higher test scores in math and science.
Attain the 'Commended' performance level in math and science.
Take more advanced/Pre-AP math and science courses.
Take Algebra 1 in 8th grade at higher rates.

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WHAT IS GIRLSTART'S IMPACT?

Girlstart After School is...

- ...hands-on STEM activities at partner schools
- ...designed to foster STEM skills and interest
- ...continuous connection to STEM careers

Girlstart After School...

- ...improves girls' perceptions of science
- ...increases girls' academic achievement in math and science
- ...increases the likelihood of Pre-AP STEM coursework in middle school

Girlstart After School inspires...

- ...96% of girls want to return to Girlstart in a future year
- ...94% want to go to college
- ...95% of girls tell their family and friends about Girlstart

Girlstart girls attained 'Commended' (+10%) and 'Standard' (+8%) scores on science STAAR compared to nonparticipant girls

34% of Girlstart girls enroll in advanced/Pre-AP science courses after program participation-- contrasted with 11% of nonparticipating girls

The number of advanced/Pre-AP courses increases over time for Girlstart girls but decreases for nonparticipants

"... I wanted to share the Science success at Pecan Springs! In 2017, we had 82% passing Science for 2017; the year prior was 58%. I know that Girlstart was a huge key to that success!"

ZOILA CARDEÑAS

Assistant Principal
Pecan Springs Elementary



Girlstart Summer Camper using Virtual Reality viewer, 2017

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"I love Girlstart because
it's girls only!"

NAOMI
5th grade

"My favorite thing was being
here with the [STEM CREW] and
making mistakes, because I get
to learn from my mistakes."

ALLANAH
5th grade

"I don't want it to end."

SABRINA
5th grade

"This is how we will
change the world!"

KAREN KELLY
Girlstart Donor and
STEM Society Member

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1997
Girlstart
launches



1998
Girlstart
After School
program starts



2000
Girlstart
opens Girls'
Technology
Center



2003
Aiming for
Algebra
(National
Science
Foundation)



2006
Project IT Girl
(National
Science
Foundation)



2010
Bought our
permanent
home,
the Girlstart
STEM Center



2013
Built the STEM
Studio and Mini
Planetarium @
Girlstart STEM
Center



2016
Girlstart
Houston
office opens



2017
Girlstart
North Texas
office opens





"Numbers speak for themselves regarding female participation in STEM: vocation or avocation. In a small measure, I hope this donation may assist in encouraging someone to see the spark, and follow a dream to fruition that encapsulates the tenets of STEM."

ERIC PETERSON

"My mother has helped guide me and teach me about science and math my whole life, and I hope that we can pass on the great opportunities STEM has to offer to the young women who can help carve the future."

CASE WALKER

WHY I GIVE

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"In hopes of empowering girls to feel welcome, appreciated, and encouraged in STEM education, and, in doing so, making STEM fields more empathetic, supportive, and inclusive communities for everyone to spend their careers."

ANONYMOUS

"I hope... girls will be encouraged to become innovators, creators, and future technology leaders. Girlstart is a great initiative, and I support their effort to increase girl's participation in STEM programs from an early age. I have a two year old daughter, and I want to help create a world where she has every opportunity to grow her interests in STEM fields."

ROBERT ADAMS

WHY I GIVE



LEGACY SOCIETY

We're proud to make a lasting impact on the lives of girls we serve as well as the alumnae we have already inspired. There are millions of girls that we have not reached--yet--but with your help, we can build a strong future for Girlstart girls. It won't be easy. But we can get there, thanks to your vision and commitment.

Because we know that you are part of our family, we want to ask you to think about Girlstart's future. Who are the Girlstart girls of 2047? 2087? The 22nd century?

By leaving part of your lasting legacy to Girlstart, you have the opportunity to shape the lives of tomorrow's Girlstart girls.

Making a bequest to Girlstart in your Will is one way to ensure that Girlstart will be able to reach girls for generations to come. There are, however, many other options and opportunities for you to design how your legacy helps Girlstart's future.

We thank you for helping us inspire the brave, creative girls of tomorrow!

For more information about establishing a legacy with Girlstart, contact legacy@girlstart.org.

"I chose to give to Girlstart because I want my legacy to be increasing the percentage of women in technology fields until it resembles society at large. I want those that come after me to never have to feel alone in an engineering class or a technical meeting."

DENISE RAPER

Girlstart Legacy Society

GIRLSTART BY THE NUMBERS

(FALL 2016-SUMMER 2017)

989

EDUCATORS
(832 IN-SERVICE
EDUCATORS,
157 STEM CREW
MEMBERS)

928

GIRLSTART
SUMMER CAMPERS
(59% ON
SCHOLARSHIP,
33 CAMPS)

527

GIRLS IN STEM
CONFERENCE

2,076

GIRLSTART
AFTER SCHOOL GIRLS
(60 PROGRAMS)

20,225

COMMUNITY STEM
PARTICIPANTS
(113 EVENTS)

24,745

TOTAL REACHED

97%

PARTICIPATED
AT NO COST

YOU MAKE GIRLSTART POSSIBLE!

When you make a gift, more girls can participate in Girlstart After School, Girlstart Summer Camp, the Girls in STEM Conference, or our community STEM programs.

26% of our annual budget comes from people like you who care about the work that we do.

YOU CAN MAKE A GIFT TO GIRLSTART:

- Make an outright gift of cash or stock.
- Participate in our fundraising campaigns such as Send a Girl to Camp or the Annual Luncheon.
- Make a bequest and include Girlstart in your Will, which will help Girlstart serve future generations.
- Give Girlstart oil or mineral rights, or contribute real estate to us.

girlstart.org/give



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