

**cobb
gems**

Cobb GEMS: Girls in Engineering, Math, and Science

Summer 2014

Final Report



**Cobb County
Public Library System**
www.cobbcats.org

Program Overview

This summer, about 40 young women participated in the **Cobb GEMS: Girls in Engineering, Math, and Science** program. Designed to introduce girls to STEM careers and programming concepts, the nine-week program began on June 2 and featured presentations from faculty members at Emory University, the Georgia Institute of Technology, and Southern Polytechnic State University.

Sponsorship for the program was generously provided by the Cobb Library Foundation.

As a woman in technology, I have become increasingly aware of the lack of diversity in the field; as a librarian, I knew that the library was in a unique position to address the problem. By creating a program that gave young women in Cobb County the opportunity to meet successful women in technology, to learn about possible STEM careers, and to discover free tech-related library resources, the library has had a direct impact on leveling the tech playing field. I'm proud of the GEMS' work this summer and I'm thrilled that we were able to offer this program.

I'm so appreciative to the library system for giving me the freedom to plan and execute this program and to the Cobb Library Foundation for their unwavering financial support.

Thank you!

Julia Huprich
Head of Digital Services & Communications
Cobb County Public Library System



Program Schedule

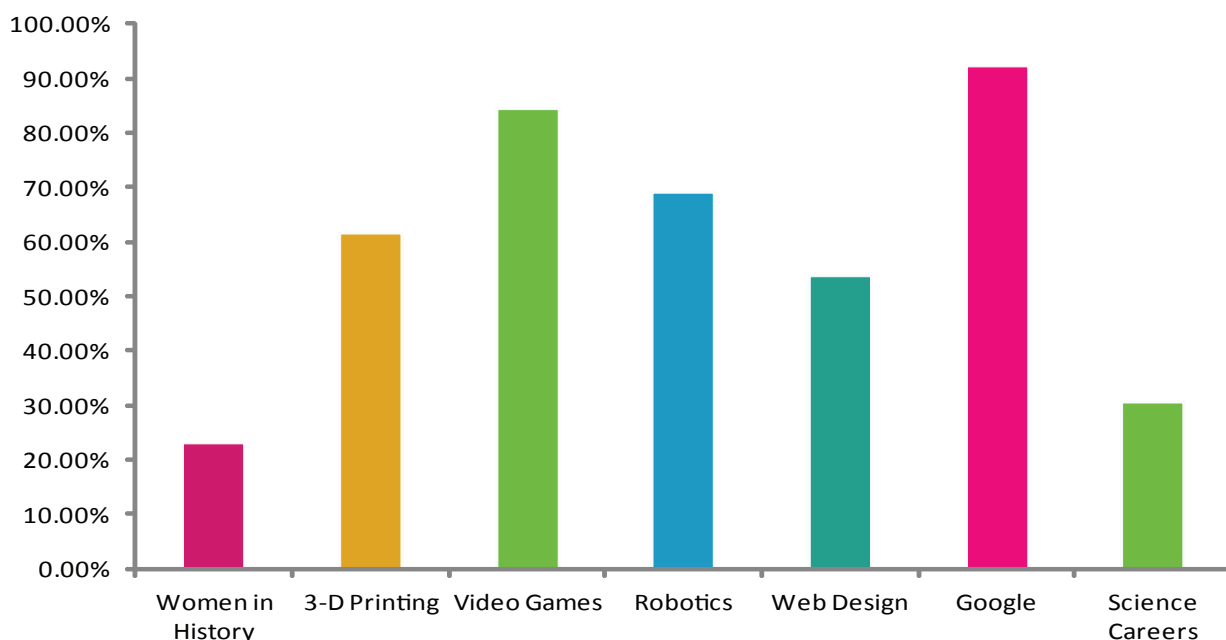
June 3:	Kickoff
June 10:	3-D Printing & Open Source Computing
June 17:	Game Design
June 24:	Coding
July 1:	Robotics
July 8:	Machines, Magnets, & Movies
July 15:	Web Development
July 22:	Career Day
July 29:	Program Wrap-Up

“I wanted to thank you again for establishing the GEMS program to expose my daughter to more STEM-related activities and careers. She is truly excited about being able to pursue a career in this field and I’m grateful for the additional resources given to her. Thanks again.

Cobb GEMS Parent



What topics did GEMS participants enjoy learning about?



Presenters

**Emily Almond &
Daniel Zeiger**
Georgia Public Library
Service

**Sarah Massagee &
Susan Vande Ven**
Southern Polytechnic
State University

Julia Schwartz
TEAM LED

Madison Kenney
Robochicks

**Ayanna Howard,
Teresa Selee,
Lizzy Ronaldo, &
Alison Valk**
Georgia Institute of
Technology

Brenda Standridge
Google

Emily Porter
Emory University

Amanda Hammerli
Women in Technology

Alessandra Zigan
McKesson

Maranie Brown
Sapient Nitro

Linda Hutchinson
S2R Execution Bridge

Victoria Johnson
PruittHealth Care
Management

Natina Adams
The Weather Channel

Donna Bowman
Housing and Urban
Development

Charlie Whitfield
WhittyApps

Beth Lassiter
Jabian

Jenna Hamel
Hexagon

Julie Semler
OnForce

Lee Boise
SunTrust

Deeptha Ganapathy
Manhattan Associates



“ I liked the fact that it's not always men that are into science and have careers in tech. It was cool to see women in the industry. It also made me feel good to get out and do something productive, instead of sitting around the house all day. :) I'm just excited that science isn't as BORING as I made it out to be. :)

*Cobb GEMS
Participant*

Budget Report

T-shirts for program participants	\$556.60
Refreshments	\$185.90
Supplies	\$777.43
Printing	\$29.16

Total **\$1549.09**

Original amount requested: \$1600



“ Thank you so much Cobb Library Foundation for allowing us to have this learning experience. I've gotten to learn so much about science and technology these past weeks. Thank you!!

*Cobb GEMS
Participant*

“ This is an excellent program to expose girls to the tech field and all the possibilities for women in technology. Continue to expose girls to this dynamic field.

*Cobb GEMS
Parent*



Program Results



When asked,

"Has your daughter **benefited** from this program?"

100% of parents answered **yes**

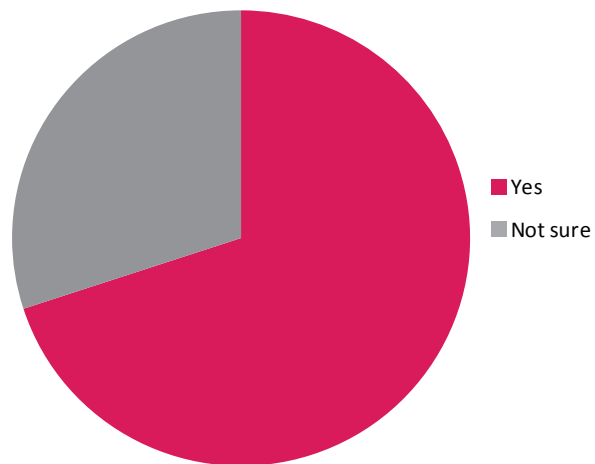


When asked,

"Are you **more likely** to choose a STEM career after this program?"

70% of participants answered **yes**

30% were **not sure**



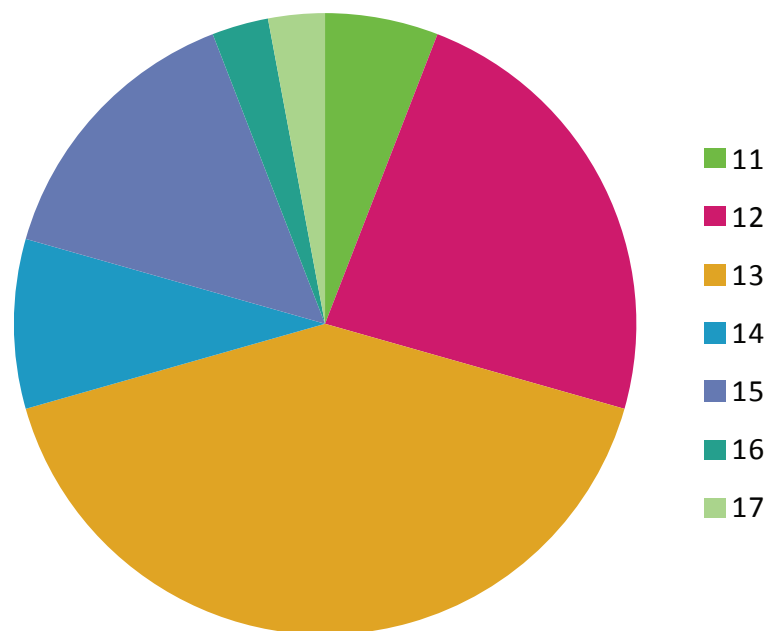
By the Numbers

37 Registered participants **175** Total Attendance **9** Workshops & Programs

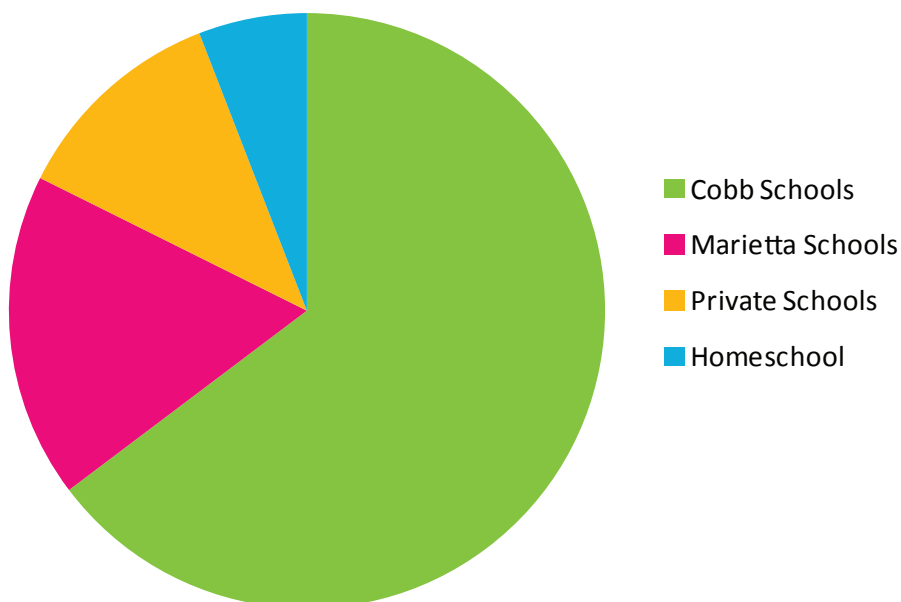
100%

of participants said that they enjoyed the program

Age of Participants



School Attendance



“ This has been a wonderful program. Julia is a super nice person and very encouraging to all of the girls. My daughter learned so much! She is looking forward to coming back next year.

Cobb GEMS Parent

Funding Provided By



“ Thank you for hosting GEMS. It allowed me to experience some of the career options that are available to girls like me who love math and science.

*Cobb GEMS
Participant*

Program Partners & Supporters

