

IMPACT

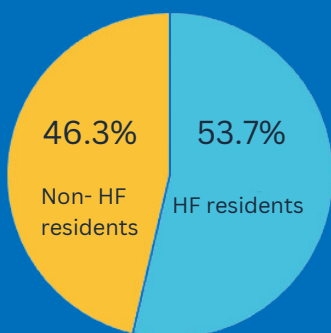
explore • create • connect



STEM SATURDAY

Families of young learners explore STEM through hands-on activities, exhibits, creative play, and special presentations led by STEM enthusiasts and experts from leading institutions like the Forest Preserves of Cook County and University of Chicago.

ATTENDANCE OVERVIEW



TOTAL FAMILIES 2023

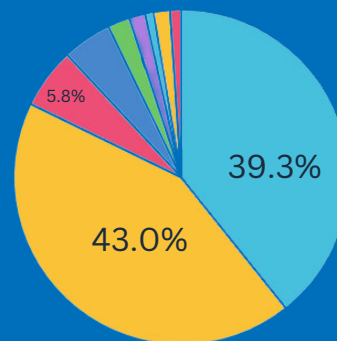
686

TOTAL ATTENDEES 2023

1822

OF SPECIAL PRESENTERS

22



- African American
- Caucasian
- Hispanic/Latinx
- Mixed Ethnicity
- African American, Hispanic
- Asian
- African American, Mixed Ethnicity
- Other
- I do not wish to share.

“We’ve always known that it was a special place, but even in reflecting to write this, we are even more thankful to the Science Center for offering this amazing space, programming, and understanding that science can and should be accessible to everyone. Our young daughter will always know she already is and can grow up to be a scientist” - McCaffery-Robinson Family.

FIELD TRIPS

Designed to immerse PreK-8th grade students in NGSS science and engineering practices, sparking curiosity, interest, and confidence.

TOTAL STUDENTS
1859

LOW INCOME SCHOOLS
41%

MINORITIES
73%

SCHOOL DISTRICTS SERVED - 17

Flossmoor #161, Homewood #153, Chicago Heights #170, Harvey Public #152, Chicago Public #299, Summit Hill, Brookwood #167, Burbank #111, Speed Seja #802, Peotone Community #207U, SD133, Oak Lawn Hometown #123, Matteson #162, Laraway Community Consolidated #70C, IJP, Country Club Hills #160, St. Agnes Parish

"The students were able to get hands-on experience with building and designing their own structures through play."

Exploring Engineering

- Roller coaster field trip for 3rd-5th grade.
- 90-minute session:
 - Engaging presentation on engineering design.
 - Hands-on roller coaster building using recycled materials

Engineering-It's Elementary!

- Roller coaster field trip for PreK-2nd grade.
- 90-minute session:
 - 30-minute engaging presentation.
 - 60-minute STEAM free play.

Explore HSC!

- Unfacilitated field trip for K-8th grade.
- 60-minute STEAM free play

"Absolutely was useful as a model for NGSS teaching. This was wonderfully prepped and planned!"



OUTREACH

Outreach conducted at Chicago Heights School District #170 for grades K to 5th. Funded in part from Cook County's CDBG grant program.

TOTAL STUDENTS
456

Dear Homewood Science Center

Thank you for giving me information so my parents can look it up online so I can go there for summer and have so much fun and learn.

Dear Homewood Science Center

Thank you for The Science experiment it was so fun that is why I want to be a scientist when I grow up. See you next time.

GIRLS STEAM

Events for underserved female middle school students to meet diverse professional mentors and build 21st century job skills. Funded in part from Cook County's CDBG grant program.

TOTAL STUDENTS

105

SCHOOLS REPRESENTED

21

MENTORS

38



STEAM
CELEBRATION

March 4th, 2023

Prairie State
Conference Center



ATTENDANCE BREAKDOWN BY GRADE



"This is a great way to find new interests and opportunities to learn something you'll enjoy doing as an adult." - 2023 participant

"It was really fun, loved the food, good booths, good presentations, overall really fun and good!" - 2023 participant



SUMMER CAMPS

Engaging out-of-school STEM experiences for students in pre-K through 8th grade.

Ages 8-11

CRIME SCENE
INVESTIGATION



Ages 8-11

SAFE SITTER



Ages 8-10

STEAM CAMP



Ages 5-7

STEAM CAMP, JR.



Ages 8-11

DIGITAL FIX



TOTAL CAMPERS

91

Ages 5-7

EC STEM



Ages 8-11

DUNGEONS
& DRAGONS



HOMWOOD
SCIENCE
CENTER



CSSN

Platform for diverse stakeholders to collaborate on regional STEM education and workforce development.

TOTAL ATTENDEES

~60

SPRING 2023

Featured Speaker: Beth Van Meeteren, EdD

Director: Regent's Center for Early Developmental Education, Curriculum Development & Researcher



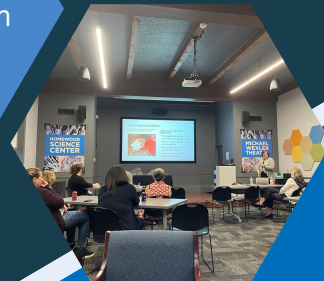
"The HSC is an amazingly fun, well-organized and engaging space that would be of interest to a wide variety of age levels. I look forward to continuing my relationship with the amazing HSC staff and scheduling activities for the students in my district in the future."

- Educator Open House attendee

FALL 2023

Educator Open House

Family fun and networking - attendees brought their families, ate dinner, and chatted with each other as well as HSC staff members.



MIDDLE SCHOOL INTERNSHIP

CONSERVATION ECOLOGY

Project-based internship to teach young people how to manage and preserve biodiversity and natural resources.

SPECIAL PRESENTERS

JUDY JOHNSON

Thorn Creek Audubon Society

DAVE WARD

Invasive species, native gardening

TODD WIDHELM

Field Museum - Lichen scientist

DAVE ZABER

IWP* Board Member, Engineer

JACOB DRUCKER

UChicago, Field Museum ornithologist

JOHN BRINKMAN

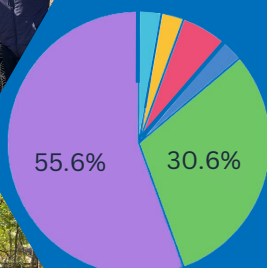
President & Manager IWP*

RYAN FULLER

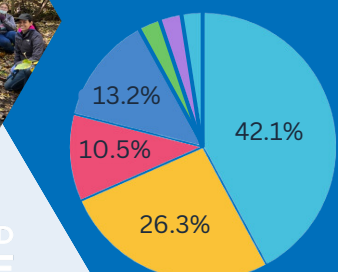
UChicago, Field Museum birder/botanist

TOTAL INTERNS

38



- Parker Junior High School
- James Hart Junior High School
- Home School
- Glenwood Academy
- Central Middle School
- Arbor Park Middle School



- African American
- Caucasian
- Hispanic/Latinx
- Mixed Ethnicity
- Asian
- African American, Mixed Ethnicity
- Other



HOMWOOD
SCIENCE
CENTER

*IWP = Homewood Izaak Walton Preserve

ROBOTICS



FTC TEAM MEMBERS

7

*Members from Parker Junior High,
HF High School, Andrew High School

FTC LEAGUE
QUALIFIER

3rd
place

LEGO ROBOTICS

Bricktastic

Coaches: Asmarah Clinkscales & Connie Fritsche

Sectional Qualifier:

Engineering Excellence Award

6th Place table score (robot game)

State Sectionals:

2nd Place table score (robot game)

GMax Coding (Rookie)

Coaches: Safieh Aljibawi & Shatisha Woods

Sectional Qualifier:

Core Values Award

OF TEAMS

3

SCHOOLS REPRESENTED

6

Team Jupiter (Rookie)

Coaches: Sasha Reyes & Shonda Davis

Sectional Qualifier:

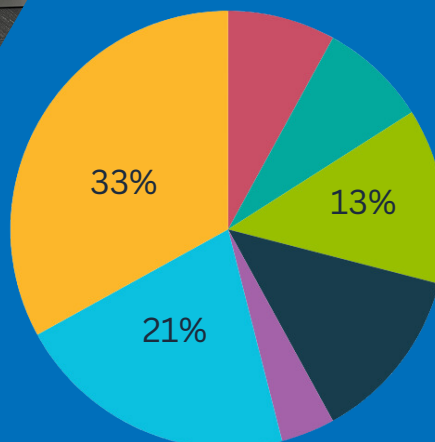
2nd Place table score (robot game)

Robot Design Award

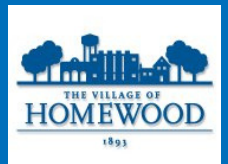
Robot Performance Award 2nd Place

OVERVIEW

REVENUE 2023



- Corporate donations
- Individual donations
- Organizational donations
- Program fees
- Rent
- Grants
- Village of Homewood



HOMEROOD
SCIENCE
CENTER

DONATIONS

INDIVIDUAL

*Donation amounts \$250 and up

Allison Wagner Licke
Anonymous Donor
Barbara Donahue
Brent & Maggie Bachus
Cameron & Michelle Nelson
Debbie L Berman
Friend of HSC
Gina A. LoGalbo & Joseph M. Nordman
Ilene & Len LeRose
In honor of Karen, Darlene, and Cecilia
Jay & Amy Eagle
Jay Heiferman
Jeff McClain
Jerome Dreyfuss
John & Celeste Kralovec

John & Elizabeth Oliver
Kin Chin Kong & Jim Grisius
Lisa Martin
Megan Tipton
Pat Barker
Phil & Donna Milord

Sabrin Zayed
Scott & Debbie Dobrez
Stephanie & Robert Applebaum
Tom & Jane Baffes
Willa Lee



STEM+M Partnership

American Precision Museum
Windsor, VT
Homewood Science Center
Homewood, IL
SparkShop
Chicago IL



CORPORATE

CABO Consulting LLC
ComEd, an Exelon Company
Dober
Enbridge Energy
Gallagher Asphalt
Homewood Dental Studio
Linden Group Architects
Optiver US LLC
Scully ADA Consulting
Terrell Surgical Associates
The Villager Gift Shop
The Weglarz Company
TriALco
Wind Creek Casino

Bosch Community Fund
Cook County's Community Development Block Grant (CDBG)
Exelon Foundation Green Lab

ORGANIZATIONAL

Village of Homewood (In Kind)
CA Piece of Pie Donations
B'NAI B'RITH CHAI Lodge
Flossmoor Service League
Homewood Rotary Club
Illinois Action For Children
Prairie State College
Suburban Service League
Illinois Student Invention Convention