

GROWTH!



FIELD TRIPS

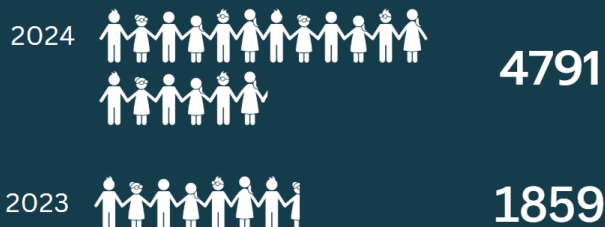
Designed to immerse PreK-8th grade students in NGSS science and engineering practices, sparking curiosity, interest, and confidence.


SCHOOL DISTRICTS SERVED - 19

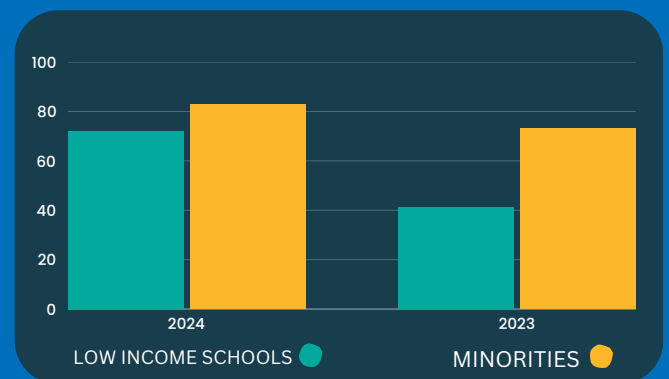
"If you are looking for an educational and engaging field trip, this is definitely the place!"

"Students were asked open-ended questions that allowed them to think critically and make predictions."

Total Students



 = 250 students



NEW IN 2024!



Protecting Our Natural World

Students record and interpret data to inform a solution for how to maintain good water quality and support biodiversity in a healthy aquatic ecosystem.

Sponsored by Exelon Foundation

Exelon Foundation.

Bosch Community Fund for conducting field trips 24-25



2
Hands-on
activities



2
Hours



Green Lab
Notebook



3
Original Films

Scientific Models
Aquarium Ecosystems
Careers



ALLEN LAPOINTE
VICE PRESIDENT,
ENVIRONMENTAL QUALITY



PROFESSOR CATHY PFISTER, PHD
PROFESSOR OF ECOLOGY AND
EVOLUTION



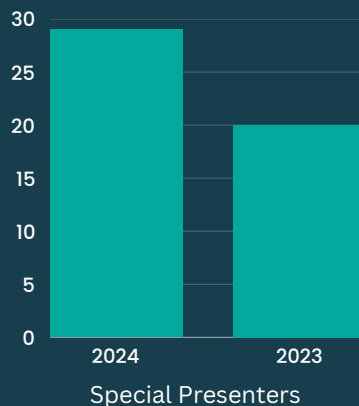
AQUATIC ECOSYSTEM - INSTALLED SEPT 2024

STEM SATURDAYS

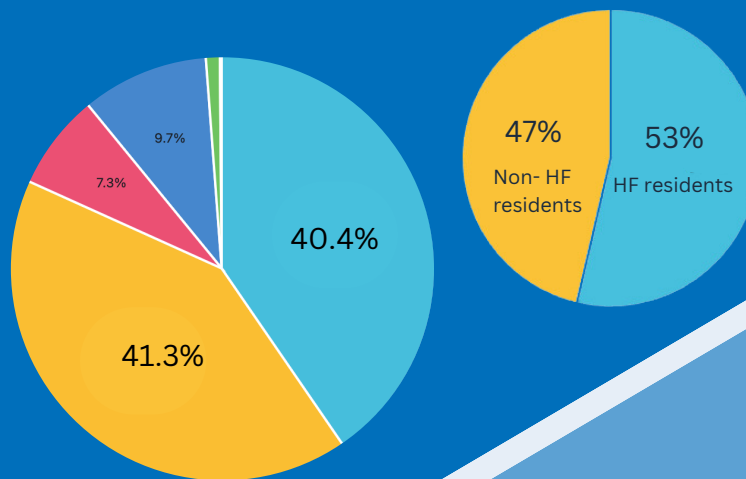
Total Household Members



👤 = household members



- African American
- Caucasian
- Hispanic/Latinx
- Mixed Ethnicity
- Asian
- Native American



STEM Saturday Sponsors



Special Presenters & Topics

Dawn Barksdale DVM (2) - Animals of the North Pole
Cardboard Creations (2)
MedUcate (3)

Teaching Totes (3) - Explore Space!, Planting, Dinosaurs!
Chicagoland Food Science Foundation - The Science of Food
Conservation Ecology Interns present Cicadas
Forest Preserves of Cook County (9) - birds, animals skins & skulls, insects, fungi etc)

Acton Children's Business Fair
Linden Group Architects
Worldwide Day of Play
PMMI - Manufacturing Day
Aquarium Reveal with Jordan
Spiders! Tiny Heroes of Nature
Franken Time!
Wind Tunnel Investigations with Mr. Charlie!

LEGO Robotics demo
Dober - Holiday Chemistry Fun
Whiting-Turner Contracting Company
Grandparents & Caring Adults Day
Makey-Makey Makes Making Fun!
Eclipse Event
Eleanor Dickover - Excited for Cicadas!
OpenLands - World Migratory Bird Day



**HOMEWOOD
SCIENCE
CENTER**



MIDDLE SCHOOL INTERNSHIP

CONSERVATION ECOLOGY

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

SPRING 2024

Cicadas



TOTAL INTERNS

29

FALL 2024

Mushrooms



GIRLS STEAM

Events for underserved female middle school students to meet diverse professional mentors and build 21st century job skills.

SCHOOLS REPRESENTED

49

TOTAL STUDENTS

110

MENTORS

25

**STEAM
CELEBRATION**

April 13th, 2024

Prairie State
Conference Center



COOK COUNTY
GOVERNMENT



DOBER



**HOMEWOOD
SCIENCE
CENTER**



Funded in part from Cook County's
CDBG grant program

CSSN

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

Dr. Purpura's talk inspired our new exhibit, Math Magic!

FALL 2024

Featured Speaker: Dr. David Purpura

Professor, Department of Human Development and Family Science
Director of the Center for Early Learning



SPRING 2024

"Spring Into Nature"

- **Generation Growth** screening
- Discover diverse range of **Irons Oaks** programs
- Learn about our **Conservation Ecology** internship



ROBOTICS

7TH - 12TH

First Robotics Team

Tech Ninja Team

- 7 students, 4 coaches
- Ranked 5th in their division heading into the league qualifier



5TH - 8TH

First LEGO Leagues

Cosmic Corals

- 8 students, 2 coaches
- Advanced to Regionals, and received two awards

Abyssal Dudes

- 8 students, 4 coaches
- Scored 200 points in the robot game



SUMMER CAMPS

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

TOTAL CAMPERS
103

NEW CAMPS!
3



HOMEWOOD
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DONATIONS

GRANTS

Bosch Community Fund
Cook County's Community Block
Development Grant
ComEd Green Region
Enbridge
Entertainment Industry Foundation
- LiveFree999
Kinder Morgan Foundation

ORGANIZATIONAL

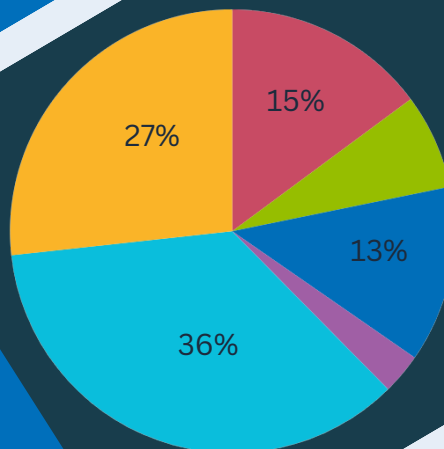
Ann & Nicholas Oehmen Family
Charitable Fund/ Fidelity Charitable
Center for Food Equity in Medicine
Chicagoland Food Science Foundation
Flossmoor Service League
IBEW Local Union No. 43
Illinois Action For Children
Illinois Student Invention Convention
PMMI Education & Training Foundation
Spotlight Performance Academy
Suburban Service League
The Learning and STEM Specialist

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Bank Financial
ComEd, an Exelon Company
Dober
Gallagher Asphalt
Milord Company
Morrison Container Handling Solutions
Scully ADA Consulting
The Weglarz Company
Wind Creek Casino
Zuber Lawler LLP



REVENUE 2024



- Corporate donations
- Individual donations
- Organizational donations
- Earned Income
- Grants
- Village of Homewood

STEM+M Partnership

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



◆ Special Thanks ◆
Farley Family
Charitable Foundation



INDIVIDUAL

*Donation amounts \$250 and up

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**HOMWOOD
SCIENCE
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