“Homewood Science Center is a great big community classroom I can rely on.” -LOCAL PARENT

HOMEWOOD SCIENCE CENTER

2019 ANNUAL REPORT

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Homewood Science Center’s participation has risen from 2,977 in 2016 to 12,626 in 2019. And we’re on track for continued growth, to develop more critical thinkers, increase technical literacy, enable the next generation of innovators, and set additional talented students on the path to success.

IMPACTFUL PROGRAMS

<table>
<thead>
<tr>
<th>2019</th>
<th>12,626</th>
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<tbody>
<tr>
<td>2018</td>
<td>11,213</td>
</tr>
<tr>
<td>2017</td>
<td>6,460</td>
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<tr>
<td>2016</td>
<td>2,977</td>
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participants per program year

Films
Exhibits
Field trips
Internships
HF Robotics
Speaker series
PopUp SCIENCE
Girls STEAM Ahead
Family Learning Lab
PopUp SCIENCE shop
Kids’ camps and classes
STEAM Studio Makerspace
Chicago Southland STEM Network
Family Learning

PopUp SCIENCE promotes early learning and family involvement in education. At free PopUp SCIENCE events, families meet experts in science and tech and explore hands-on STEM activities.

Thank you Homewood Public Works, TriAICo, Scully ADA Consulting, Homewood Disposal, Dober, Metropolitan Water Reclamation District, Gaby Iron & Metal Co., Governors State University, and Chicago Region Trees Initiative.

“Being able to talk to a scientist is invaluable. How many opportunities do kids get to do that?” asked Maria Baynes of Chicago, who attended with her daughter.

Homewood Rotary Foundation sponsored the creation of the Early Learning Lab, a developmentally designed space for families with 3-6-year-olds to practice early math skills with hands-on activities.

Field Trips

Homewood Science Center field trips are supported by the Next Generation Science Standards. Students learn STEM vocabulary, are introduced to STEM principles, and perform hands-on STEM activities.

“Kids need to be hands-on to understand. This helps them get enthused about learning,” said one teacher about the program.

In 2019, pre-K and kindergarten students explored engineering design using LEGO Education and large-scale imagination Playground blocks at our STEAM Park field trip.

Thank you to ArcelorMittal and Mi-Jack Products Inc. for sponsoring field trips for underresourced schools.

Conservation Ecology Internship

6th-8th graders preserve and manage natural resources and present their work at a PopUp SCIENCE event. The project-based internship, offered twice yearly, supports the Next Generation Science Standards.

After removing invasive species from Homewood Izaak Walton Preserve, one intern wrote, “I looked at the before and after picture taken, and was completely in awe of the difference we had made, working together.”

Conservation Ecology Interns designed and planted a native pollinator garden at Homewood Science Center that the National Wildlife Federation named a Certified Wildlife Habitat.

Girls STEAM Ahead

Girls STEAM Ahead addresses the underrepresentation of women in science, technology, engineering, art, and math (STEAM) careers by connecting girls in grades 3-12 with female mentors in STEAM.

Girls STEAM Ahead Success, funded by a Cook Co. Community Development Block Grant, offered workforce development to low-income female high schoolers.

Program participant Jada said, “I liked that they kept pushing me to get on and didn’t let me give up.”

Chicago Southland STEM Network

A platform convening regional STEM stakeholders in collaboration to improve STEM education and workforce development.

“I always learn something new,” wrote one attendee. “It’s a great way to find ideas and develop relationships,” wrote another.

Homewood Science Center presented at the global STEM Ecosystems conferences in Cleveland and New Orleans.

Chicago Southland STEM Network partnered in hosting Northwestern University's STEM Summit for K-12 educators at Prairie State College, bringing the event to the south suburbs for the first time in 10 years.

2019 Financial Report

Homewood Science Center is a 501(c)(3) organization. In 2019, multiple revenue streams totaled $501,758.

Support from Village of Homewood $201,559

Classes & Registration $47,285

Grants $33,393

Retail & Misc. $4,622

Contributions $214,899