

GSK Science in the Summer™ “Be a Health Scientist”



Photo taken at Boys and Girls Clubs of Philadelphia by John Michael; I Am Photography

2025 Executive Summary

Prepared by:

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Cooperative
Research & Evaluation

Prepared for:



GSK Science in the Summer™

In collaboration with



EXECUTIVE SUMMARY

Key Findings by Impact Area

Reach

1. In 2025, GSK Science in the Summer™ had a broad reach across the Philadelphia area and nationally (see Table 1). In total, **26,612** youth participated in “Be a Health Scientist” programming.
 1. **Philadelphia Area:** A total of 47 community partners in the Philadelphia area implemented GSK Science in the Summer programming at 186 sites to reach **7,394 youth**.
 2. **National Sites:** A total of 24 museums and science centers collaborated with 323 community partners to reach **19,218 youth** across the U.S.
2. The Franklin Institute worked with **82 Philadelphia-area program leads, 52 National site coordinators** and **705 educators** to implement the GSK Science in the Summer™ program in Summer 2025.
 1. **Philadelphia Area:** The Franklin Institute staff trained **462 educators** in the Philadelphia area to implement the GSK Science in the Summer™ program.
 2. **National Sites:** TFI trained **46 trainers** who trained **243 educators** to implement programming.

Learn

3. Most participating youth (73%) reported that GSK Science in the Summer™ made them ‘Some’, ‘A Lot’ or ‘Very Much’ more interested in science
4. The majority of participating youth (84%) reported that they learned ‘Some’, ‘A Lot’ or ‘Very Much’ about science jobs.
5. Most educators (96%) agreed that participating in the GSK Science in the Summer™ “Be a Health Scientist” program helped youth learn more about health science.
6. The majority of educators (95%) reported that the “Be a Health Scientist” program had a positive impact on youth’s confidence and 93% said it increased their excitement around doing science.

7. Most educators (97%) agreed that participating in the GSK Science in the Summer™ program increased youth's awareness of science-related careers.

Social Impact

8. The majority of participating youth (84%) reported that they like science 'Some', 'A Lot' or 'Very Much.'
9. Most participating youth (75%) reported that doing GSK Science in the Summer™ activities made them feel 'Some', 'A Lot' or 'Very Much' like a scientist.
10. The majority of educators (90%) reported the GSK Science in the Summer™ "Be a Health Scientist" program had a positive impact on youth's views of science and 89% said it positively impacted youth science identity.
11. Most educators (95%) agreed that GSK Science in the Summer™ gave youth opportunities to engage in good scientific practices, such as making observations and predictions, asking questions, and testing hypotheses.

Fidelity of Implementation

12. Most educators (91%) indicated that they are more comfortable teaching STEM topics covered by the GSK Science in the Summer™ program after implementing the program with youth.
13. Most educators said they are more personally engaged in (74%) and interested in facilitating (79%) the STEM topics covered by the GSK Science in the Summer™ program.
14. After participating in the GSK Science in the Summer™ program, educators had higher levels of confidence in: making connections to youths' own experiences (84%), leading informal science activities (80%), encouraging youth to think scientifically (78%), teaching STEM content to youth (76%), cultivating dialogue between youth (75%), making connections to STEM-related careers (75%) and asking open-ended questions (72%)
15. The majority of educators (62%) reported that they have used skills from the GSK Science in the Summer™ program in their typical education practice, including asking questions, building connections, and specific elements of previous curricula.

Table 1: Summary of GSK Science in the Summer™ Youth Impact Areas

Impact Area	Indicator	National Report	Philadelphia Report
Program Development	Number of Sites and Programs	Host Organizations: 24	Host Organizations: 47
		Partner Sites: 323 Programs Led: 577	Programming Sites: 186 Programs Led: 454
		Combined Host Organizations: 71 Combined Programming Sites: 509 Combined Programs Led: 1,031	
	Number of coordinators; Number of educators trained	Coordinators: 52 Trainers: 46 Educators Trained: 243	Program Leads: 82 Educators Trained: 462
		Combined Coordinators & Program Leads: 134 Trainers: 46 Combined Educators Trained: 705	
Reach	Number of youth attendees	Total: 19,218 youth	Total: 7,394 youth
		Combined: 26,612 youth	
Learn	Percentage of youth who demonstrate increased interest in learning about science, interest in pursuing science-related jobs, and confidence in doing science, as reported by educators	Youth: Made youth more interested in science: 73% Learned about science jobs: 84% Educators: Helped participants learn more about health science: 96% Awareness of science-related careers: 97% Excitement around science: 93% Confidence in doing science activities: 95%	
Succeed/	Number of	Youth:	

Social Impact	<p>youth who demonstrated that they view science as important, think scientifically, and use problem solving skills, as reported by educators</p>	<p>Like science: 84%</p> <p>Felt like a scientist during GSK Science in the Summer™: 75%</p> <p>Educators:</p> <p>Positive view of science identity: 89%</p> <p>Views about science: 90%</p> <p>Opportunities to engage in good science practices: 95%</p>
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