Ten Years & Growing!

The STEM Alliance is dedicated to bridging systemic gaps in STEM education and advancing digital equity through innovation, leadership, and trusted collaboration.

Meeting the need with exponential growth!

On the Road to Ten!

THE STEM ALLIANCE

	STAFF	BUDGET	PROGRAMS	FUNDING
2013	3 part-time volunteers	10,000 dollars	1 public STEM festival in Larchmont, NY	1 local grant
2023	**20 full-time staff** **17 auxiliary staff** +60 summer employees	**2.6 MILLION dollars**	**30 programs quarterly** across Westchester County & in New York City	**31 grants written** Government funding: $460,000 Foundation grants: $700,000

Support our work: www.theSTEMalliance.org/donate
THE STEM ALLIANCE IS A 501(C)(3) NONPROFIT / EIN # 46-0973552
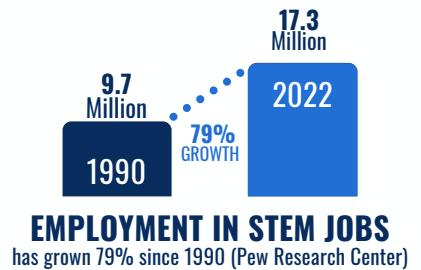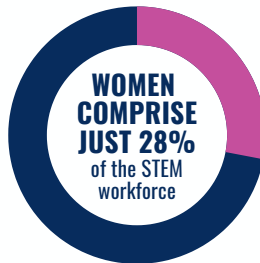
STEM EDUCATION & EQUITY

We create high quality STEM enrichment programs, available on an equal access basis. Out-of-school classes inspire kids to pursue STEM education, expanding their career potential and advancing our communities.

THE NEED

8 OUT OF 10 of Westchester's largest employers are STEM related*

*including Regeneron, IBM, PepsiCo, LionsGate & local hospital systems

WOMEN COMPRISE JUST 28% of the STEM workforce

9.7 Million 1990 → 17.3 Million 2022 — **79% GROWTH**

EMPLOYMENT IN STEM JOBS has grown 79% since 1990 (Pew Research Center)

OUR IMPACT

95% of girls who participated in a Girls Do STEM workshop indicated they learned about new STEM professions

50% increase in girls who feel confident in their STEM skills after doing one of our all-girls programs

+1,250 students served

21 partner sites
across Westchester County

+57 programs delivered

2021-2022 PROGRAM YEAR

www.theSTEMalliance.org

DIGITAL EQUITY NOW

The STEM Alliance is bridging the digital divide in Westchester County — and beyond — because equitable access to digital tools promotes economic growth for individuals and communities.

THE NEED

50%
had no computer or laptop in the home

84%
no computer or laptop that was primarily for their own use

40%
had no reliable internet (18% had none at all)
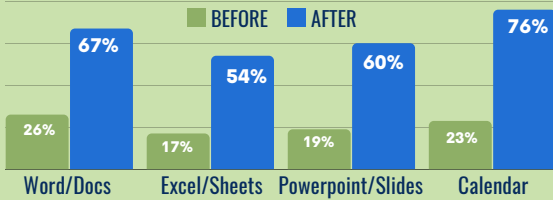
57%
had no computer training

75%
weren't comfortable with basic workforce tools

OUR IMPACT

WITH ONLY 15 HOURS OF TECH EDUCATION
Clients triple their comfort level with workforce tools

BEFORE **AFTER**

Category	Before	After
Word/Docs	26%	67%
Excel/Sheets	17%	54%
Powerpoint/Slides	19%	60%
Calendar	23%	76%

90%
Use and check email

85%
Improve skills to get a job

80%
Look for a job online

TOP 3 WAYS CLIENTS PLAN TO USE THEIR NEW DEVICES

SUMMER ENRICHMENT

The STEM Alliance is committed to providing quality summer programming because research shows summer matters in the academic, social and emotional growth of all children. Co-Op Summer Enrichment provides 5 weeks of academic and recreational experiences for 300+ students.

THE NEED

90%
of Co-Op campers receive free or reduced lunch

48%
of Co-Op campers indicated that they had never taken a hands-on STEM class before

OUR IMPACT

90%
of campers said that attending Co-Op will make them a better student when they go back to school in September

100%
of professional staff agreed that Co-Op programming integrates, extends and complements school year activities

At Co-Op, all campers engaged in 30 hours of hands-on STEM learning

. . . and an additional 21 hours of daily reading

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