



*STEM Santa Fe advocates for, develops and provides Science, Technology, Engineering and Math programming, mentoring and resources for all youth, especially those who are under-represented in STEM, to realize their potential and expand their opportunities in our dynamic world.*

STEM Santa Fe is a mentorship organization utilizing a network of **STEM professionals** who volunteer to serve as mentors and role models for students. We organize many educational STEM programs in Northern New Mexico that are **project-based and hands-on**, providing extended learning experiences and mentorships to middle- and high-school age youth. We aim to reduce the disparities in educational opportunities by offering our programs **at low to no cost to families**. In 2018 our programs earned STEM Santa Fe a “STEMY” award as **Non-Profit of the Year for New Mexico Excellence in STEM** by Air Force Research Laboratory New Mexico. In 2022 STEM Santa Fe was honored to receive the **2022 Piñon Visionary Award** from Santa Fe Community Foundation.

Here's how we are meeting the problem of underrepresentation in STEM professions in our community:

*How can we equip students with STEM skills and build pathways into STEM internships, certificates and careers?*

#### **STEM Scaffold Santa Fe**

In collaboration with Northern New Mexico College, Santa Fe Community College, Los Alamos National Laboratory and Santa Fe Public Schools, this program provides college student mentors to guide high school students through STEM projects that are culturally and locally relevant. Currently at Capital HS, Española Valley HS, Santa Fe Indian School, and others.



*How do we keep girls engaged in their STEM education while providing a local support system of like-minded friends and STEM female role models?*

#### **STEM Pathways for Girls**

This monthly program, specifically for 5<sup>th</sup> - 8<sup>th</sup> grade girls, focused on sparking and boosting the girls' interest in STEM education, kicks off with a fall conference for 200 girls, followed by monthly workshops, all led by professional women in STEM.

*How do we engage students in all levels of math activities in a social, cooperative and lively atmosphere?*

#### **Julia Robinson Mathematics Festivals (JRMF) and Making Friends with the “M” in STEM programs**

JRMF offers 6<sup>th</sup> - 8<sup>th</sup> grade students thought-provoking mathematics in a social and cooperative atmosphere with problem sets, games, and puzzles with mathematical themes. STEM Santa Fe holds multiple festivals per year, including an annual festival at Santa Fe Community College, as well as Northern New Mexico College and Santa Fe Indian School. Other math programs are being piloted also.



*How do we motivate middle and high school-age students to choose high-level STEM courses in school?*

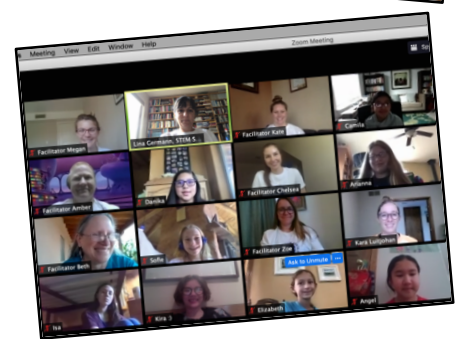
#### **STEM Summer Circles**

Mainly for middle and high school students. In 2019 we offered our first camp on app development. In Summer 2020 the camps were virtual but continued to be project-based and innovative. In Summer 2021 and 2022 we returned to in-person camps in engineering, App Development, Drone design, Aviation, etc.

*How do we contribute to strengthening our community and public education?*

#### **Advocacy, Mentorship and Support through collaborations, outreach and partnerships.**

STEM Santa Fe advocates for and supports STEM educators as well as student teams/clubs participating in STEAM competitions and challenges. We elevate STEM education matters in coalitions and committees with our community of practice. Our latest outreach program is STEM Saturdays at Santa Fe Public Library, Southside branch.



STEM Santa Fe is a 501(c)(3) non-profit organization. Donations are tax-deductible to the full extent allowed by law.

STEM Santa Fe • P.O. Box 33103 • Santa Fe • NM 87594 • 505-570-5402 • [www.STEMSantaFe.org](http://www.STEMSantaFe.org)

**STEM Santa Fe envisions a world filled with analytical citizens exploring complex issues for the betterment of society.**