



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 leads many STEM programs in Northern New Mexico that are project-based and hands-on, providing extended learning experiences and mentorships. We are a volunteer-based organization of STEM professionals serving as mentors and role models. We aim to reduce disparity in educational opportunities by offering our programs at low to no cost to families, and we especially reach out to the Title I schools in Santa Fe and Northern New Mexico. In 2018 our programs earned STEM Santa Fe a “STEMY” award as **Non-Profit of the Year for New Mexico Excellence in STEM** by the Air Force Research Laboratory New Mexico.

Currently, STEM Santa Fe leads the following programs:

(1) STEM Scaffold Santa Fe program at Capital High School

Since May 2017, STEM Santa Fe has been leading STEM Scaffold Santa Fe (S³), a collaborative working group of educational STEM programs providers. In 2018-2019 we launched a STEAM program mentoring 57 students in 10th-grade AVID classes weekly in two 8-week sessions. In 2019-2020 we will continue with the same cohort of students as they venture into 11th grade and will start with a new cohort of 10th-grade AVID students. Our goal: to encourage pathways into STEM careers and internships.

(2) STEM Pathways for Girls: A program for 5th-8th grade girls

STEM Santa Fe spearheads a successful annual conference for 200 girls (“Expanding Your Horizons”) to spark interest in STEM subjects through hands-on workshops led by women in STEM careers. In 2018-2019 this program has expanded to include additional monthly workshops to boost girls’ interest in STEM. Our goal: targeted, laser-focused approach to keep girls engaged in STEM education while providing a local support system of like-minded friends and STEM women role models.

(3) Julia Robinson Mathematics Festivals (JRMF) for 7th- and 8th-grade boys and girls

Each JRMF offers about 150 students thought-provoking mathematics in a social and cooperative atmosphere with several problem sets, games and puzzles with mathematical themes. Our third annual JRMF at Santa Fe Community College was held on March 15, 2019. Another math festival was held on May 17, 2019 at Northern New Mexico College for the first time, allowing us to reach new constituents. Our goal: to engage students at any level in math activities in a social, cooperative and lively atmosphere.

(4) STEM Summer Day Camps

New program! Our 2019 STEM Summer day camp is a free weeklong camp in App Development for 25 girls rising into 8th and 9th grade. Resulting apps will be entered into the national Congressional App Challenge. This is a new camp for New Mexico students launched in partnership with Chicago-based Brave Initiatives. Our goal: to offer unique camps to middle and high school age students to motivate them to select high-level STEM courses in high school.

(5) Mentorship and Support for STEM Teams

STEM Santa Fe provides support to teachers who are leading student teams to compete in various STEM competitions, e.g., NM Electric Car Challenge, VEX Robotics and RoboRAVE. STEM Santa Fe is currently supporting teams at six schools in Santa Fe. Our goal: to strengthen the culture of competitiveness and resiliency through academic clubs and activities.



STEM Santa Fe is a 501(c)(3) non-profit organization. Donations are tax-deductible to the full extent allowed by law.
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STEM Santa Fe envisions a world filled with analytical citizens exploring complex issues for the betterment of society.

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