

Community Involvement

Inspiring the next generation of scientists and engineers

Sandia National Laboratories provides innovative, science-based, systems-engineering solutions to our nation's most challenging national security problems. The declining numbers of American students who pursue science and engineering degrees is a national concern. Encouraging students to pursue science, technology, engineering and math (STEM) careers is the goal of our K-12 education programs. More than 500 Sandia employees serve as classroom presenters, judges, tutors and mentors in local schools each year.

Students

Elementary school children are fascinated with the unexpected. So are scientists. The challenge is engaging students with hands-on math and science activities that encourage them to test theories, not just memorize facts. Our elementary school programs focus on providing inquiry-based activities that demonstrate science and math are fun.

Middle school and high school students are exploring potential careers and benefiting from experiences that help them to visualize themselves in a STEM career. Our middle and high school programs focus on providing more in-depth science and engineering programs led by

Sandia STEM professionals.

CroSSLinks encourages Sandia employees to partner with elementary school teachers to promote hands-on science in the classroom, serving more than 1,500 students each year.

Family Science Nights engage more than 9,000 elementary school children and their families annually in fun filled science activities. Sandia provides more than 50 bi-lingual evenings each year in New Mexico and California.

Family Math Nights engage more than 650 New Mexico elementary school children and their families every year in hands-on math activities.

Fun in the Sun continues to teach science skills to more than 400 New Mexico children each summer through programs at community centers.





Manos, Dream Catchers, HM Tech and Expanding Your Horizons all encourage underrepresented students to consider STEM careers by providing hands-on workshops for 500 middle and high schools students each year.

The New Mexico Hydrogen Fuels Challenge, a joint effort of Sandia and Los Alamos National Laboratories, Albuquerque Public Schools and PNM, provides a middle school engineering-based competition that includes building a hydrogen fuel-cell car and design, speed, essay and oral presentation competitions.

Department of Energy Science Bowls provide an academic STEM competition for 400 middle and high school students.



The STAR Summer Fellows program provides an educational science and engineering internship for outstanding high school students every summer.

Teachers

Supporting science and math teachers is paramount to student success. Sandia provides financial support for teachers pursuing National Board Certification in Math and Science.

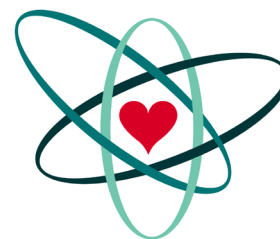
Lockheed Martin Corporate Contributions

Teacher Professional Development

- Science Education Institute of the Southwest
- Golden Apple Foundation Scholars
- University of New Mexico ADDVantage Math
- Math Circles
- POWER Energy and Water Workshops
- NM Science, Math & Environmental Teachers Conference
- ASME Materials Camp

STEM Student Programs

- Northwest Regional Science Fair
- NM Supercomputing Ch
- Science Olympiad
- NM MESA – MESA Day
- First Lego League
- School to World
- Project Lead the Way
- MATHCOUNTS
- KNME Science Central
- After Math Camp



SANDIA SERVES
EXCEPTIONAL SERVICE IN OUR COMMUNITY

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