

# SANTA FE ALLIANCE FOR SCIENCE

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## Annual Report 2019–2020

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**THE POWER OF  
PARTNERSHIPS:**  
Inspiring the scientist  
in every student!

### Our Mission

We inspire the inner scientist in Santa Fe youth by creating STEM learning opportunities through our network of volunteer scientists, engineers, and STEM professionals.

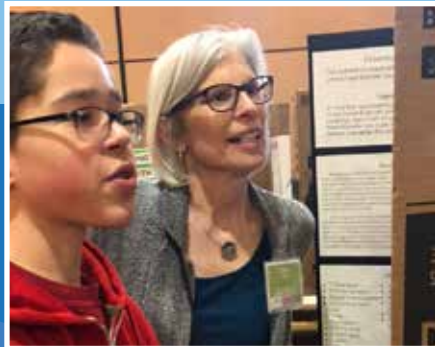


### Our Vision

Every Santa Fe student is "STEM Ready" to explore and succeed in life.

## Our Work 2019–2020

The Santa Fe Alliance for Science was founded in 2005 when a group of scientists and engineers began to partner with classroom teachers to enrich student learning in science and math. Nearly 15 years later, volunteers remain the backbone of our organization. Our expansive and dedicated volunteer network — comprised of founding members as well as a new generation of STEM (science, technology, engineering, and math) experts — foster an early passion for STEM exploration and discovery.



## Our Reach

More than 3,300 Santa Fe Public School (SFPS) students in 26 schools — approximately 1 out of 4 SFPS students — had direct contact with a scientist or STEM expert. From mentoring students in science and math to captivating kids through hands-on activities, our volunteers invested countless hours to awaken and strengthen the scientist in every kid. And when Covid-19 caused schools to close, our volunteers rallied to support students and teachers by creating a library of digital STEM resources for remote learning.

## Our Impact

More than **80 Alliance volunteers** immersed students in more than **4,250 hands-on experiences** with a scientist or STEM expert!



More than **90 SFPS teachers** partnered with Alliance volunteers to strengthen STEM learning in their classrooms.

**250 elementary students** participated in a classroom science experiment & **370 elementary & high school students** received project mentoring.



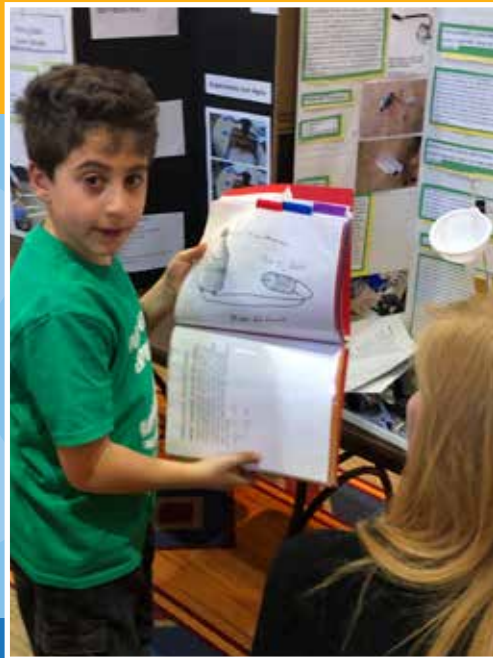
**2,139 K-12 students** discussed their school STEM project with a STEM expert.

## Partnership Highlights

### Adopt-A-School Partner: Nina Otero Community School

Working together to cultivate young, curious minds.

Students at Nina Otero Community School, a 100% free-lunch school, participated in 40 STEM programs resulting in 1,500 hands-on STEM exploration experiences with a scientist or STEM expert.



### Teaming Up to Support Student STEM Projects

Student-led science or STEM projects give kids a chance to practice critical life skills such as problem solving, collecting data, and teamwork. Our volunteers partnered with STEM Fair Coordinators at 20 Santa Fe Public Schools (see back page) to give more than 2,000 students the unique opportunity to present and discuss their work with a “real scientist.”

### Discover Computer Science (CS)!

This talented team partnered with César Chávez Elementary School teacher Trinidad Mercado-Muratalla and provided her with CS videos, such as “Secrets in Code”, which she used to develop lessons that embed language arts, math, science and coding.

We also partnered with the Santa Fe Indian School and Café Scientifique to host a series of interactive STEM workshops for middle and high school students in Santa Fe.



We are **TRULY GRATEFUL** to the many individuals, organizations, businesses, and educators who work with us each year to cultivate young STEM learners in Santa Fe.

**VOLUNTEERS** Thank you to the 80+ volunteers who made all of our programs possible during the 2019/2020 school year. Alliance volunteers expand possibilities for students and serve as enthusiastic STEM role models for children and teachers.

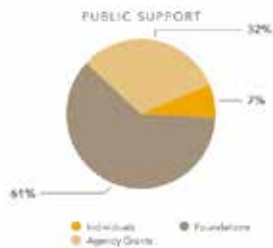
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**DONORS** In addition to our Board of Directors, who invest time in and make significant financial contributions to our work, we greatly appreciate the many individuals, businesses, and foundations who collaborate with us to awaken STEM passions in Santa Fe youth.

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A special thanks to these generous individuals who supported our work financially during the 2019/2020 academic year.

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