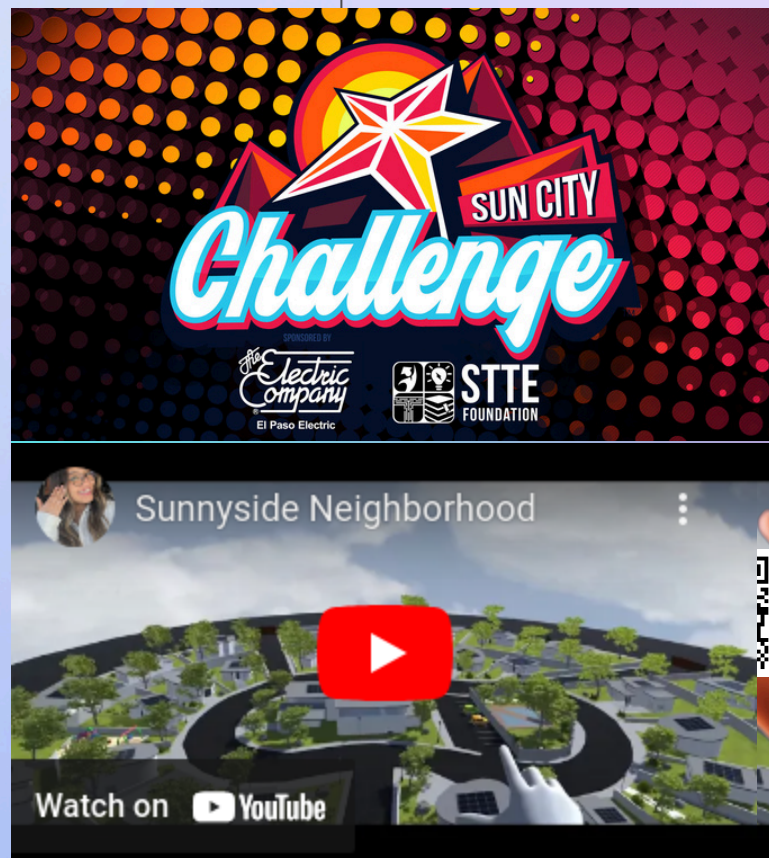# 2019: Reinforcing Foundation: Expanding Impact

Q1 Sun City Challenge VR

The Sun City Challenge is a real-world high school technical competition to re-engineer, 3D design, and educate the community on the power of renewable energy. Students accelerated acquiring technical skills for a 21st-century workforce by creatively proposing renewable energy solutions from three main categories; Smart Sustainable Neighborhood, Historic Landmark or Building, and Solar Star Mountain and Education Tourist Center.

The program impacted 52 high school students from 15 high schools. $15K in technology equipment was awarded to schools, along with $10K in cash prizes.

Sun City Challenge

Sunnyside Neighborhood — Watch on YouTube

Experience "Sunnyside Neighborhood" the winning teams smart neighborhood VR project from Burges High School.
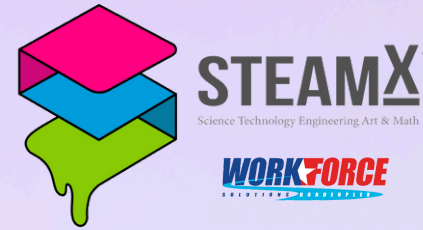https://youtu.be/ZjhZiIvbOtM.

Q2 / Q3 Summer Camps

STTE organized **twelve Summer STEAM Camps** with Robotics, App & Game Development, and Entrepreneurship **impacting 400 youth.**

STEAMX
Science Technology Engineering Art & Math

WORKFORCE

STTE organized the tenth-anniversary STEAMX, a multidimensional two-day event to increase awareness of STEAM education and career opportunities and highlight national STEAM role models.

By The Numbers:
- 1,000 Youth impacted, with over half influenced to choose STEM as a career
- 420 Youth Competitors
- 30 STEAM Workshops & 25 Interactive Exhibitors
- $100,000 in Donations
- 11 - $1,000 Scholarships Awarded
- $35,000 Awarded to Youth

Keynote Speaker, Noramay Cadena former head of a nonprofit organization dedicated to inspiring and empowering underrepresented youth to pursue careers in tech, addressed youth about her personal upbringing and how education can help achieve your dreams.

The Premier Southwest STEAM Event — Watch on YouTube

https://youtu.be/7GyL3zh4GoI

Q4 2nd Annual Teacher Awards

CRE=ED
COUNCIL ON REGIONAL ECONOMIC EXPANSION AND EDUCATIONAL DEVELOPMENT

STTE & CREEED hosted the 2nd Annual Educator Awards and recognized eight stellar educators for their tremendous work. The awards banquet featured **Keynote Speaker, Alfredo Corchado Jiménez,** an award-winning Mexican-American journalist and author who inspired attendees with his personal story of perseverance.

- **Regional Innovator Award,** Lauren Curry, New Mexico State University
- **Technology Cultivator Award,** James Ryan, Frank Macias Elementary, Clint ISD
- **Math Architect Award,** Sergio Estrada, Riverside High School, YISD
- **Education Leadership Award,** Margie Nelson Rodriguez, El Paso Community College
- **Inspirational Pathway Award,** Hector Lugo Nevarez, University of Texas at El Paso
- **Entrepreneurship Producer Award,** Michael Nelson, Fab Lab El Paso
- **Outstanding School Achievement Award** - Manuela Gomez, Professor, EPCC Philosophy Club
- **STEAM Creator Award,** Alejandra Galindo, Clint ISD
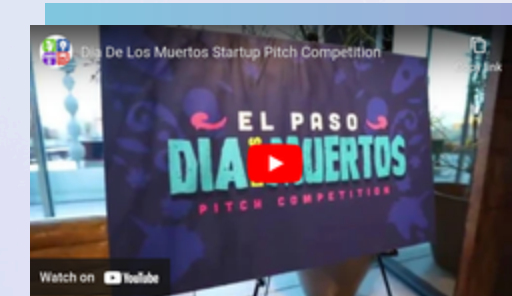
IMPACT
3,465 Youth impacted

$200K Fundraised

$82K Awarded to Youth

DIA DE LOS MUERTOS

Launched Día de los Muertos Startup Pitch competition. **12 startups pitched with $11K awarded.**

https://youtu.be/v5bHolsu3j4

Robotic Grants

The Electric Company — El Paso Electric

On October 16, STTE announced robotic grant school recipients that support teachers and students with registration and tournament fees, as well as robotics kits from the REC Foundation. In total, **$10,800 was awarded to 26 schools** from the region. Funds were made possible through El Paso Electric Community Partnership Program.