

STEM AT NATIVITY PREP

"The true sign of intelligence is not knowledge but imagination" - Albert Einstein



ABOUT NATIVITY PREP

Nativity Prep is a college completion program spanning 11 years to prepare more than 250 students from historically under-resourced communities to become the first in their families to graduate from college. Nativity Prep includes an independent, Catholic college prep middle school, a ninth through twelfth grade after school college access program, and ongoing support through college. Eleven years of support empower our students to excel through high school, college, and beyond, becoming role models and leaders in their communities. In the last 10 years, Nativity Prep graduates are matriculating toward or graduating from college at a rate of 83%, which is five times higher than their demographic peers.

CASE FOR STEM

Science, technology, engineering, and mathematics (STEM) workers drive our nation's innovation and competitiveness with the creation of new ideas, new companies, and new industries.

Children from underserved communities, particularly girls and students of color are vastly underrepresented in the STEM industry. Providing our students equal opportunities to pursue – and thrive in – STEM careers will help to create social mobility, close the gender pay gap, enhance economic security, and ensure a diverse and talented STEM workforce.

We envision our programs will light a fire or spark an interest in the STEM field. By introducing STEM concepts to middle school students now, we are hoping to contribute to a pipeline for the future employees and entrepreneurs in STEM fields. We invite you to partner with us to make this a success. Designed as an early-intervention program, we are interested in partnering with you to introduce STEM concepts to middle school students so they can take full advantage of continuing their learning in STEM fields throughout high school and college. Let's cultivate curiosity together!



STEM FACTS

- By 2029, the number of jobs in STEM is projected to grow by 8%, according to the U.S. Bureau of Labor Statistics. The number of jobs in this field is expected to grow so fast that it is anticipated that there will be nearly 3.5 million unfilled positions by 2025.
- STEM workers are less likely to experience joblessness than their non-STEM counterparts.
- Research has found that a typical STEM worker already earns over double the amount of a non-STEM worker, and this trend is only set to continue.
- Science, technology, engineering, and mathematics workers play a key role in the sustained growth and stability of the U.S. economy and are critical in helping the U.S. win the future.



PROGRAM ENHANCEMENT

If you can see it, you can be it.

- A state-of-the-art STEM learning environment for students, including Idea Lab, Production Studio, Robotics Room, and Coding Center
- Exposure to career fields within the STEM industry
- Additional classroom space, empowering us to invite more students into the program
- Sustainable revenue streams for the annual operating budget through the rental of the kitchen, labs, and classrooms
- An enhanced kitchen will improve daily nutrition services for students
- An enhanced parent education program
- Welcomes community through field trips and summer camp opportunities



LEARNING SPACES

The STEM Center renovation will outfit the following spaces, each aligned to a Priority Sector identified by the San Diego Workforce Partnership.

LEARNING CENTERS

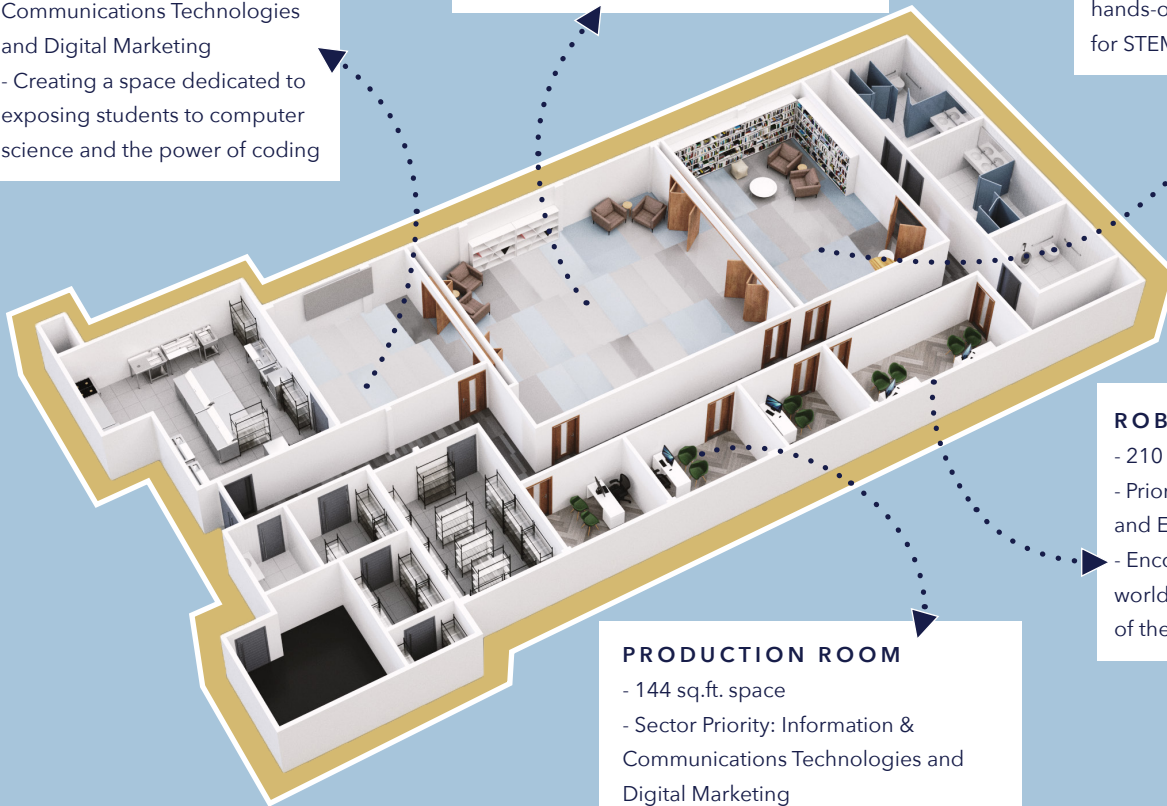
- 987 sq.ft. spaces
- Sector Priority: Healthcare and Life Sciences & Biotechnology
- Creating a learning space that engages students and introduces them to the newest technologies and ways of learning

CODING CENTER

- 406 sq.ft. spaces
- Sector Priority: Information & Communications Technologies and Digital Marketing
- Creating a space dedicated to exposing students to computer science and the power of coding

IDEA LAB

- 603 sq.ft. space
- Sector Priority: Advanced Manufacturing and Energy, Construction & Utilities
- Bringing engineering into the classroom experience along with opportunities for hands-on learning to create excitement for STEM careers



ROBOTICS ROOM

- 210 sq.ft. space
- Priority Sector: Advanced Manufacturing and Energy, Construction & Utilities
- Encouraging students to explore the world of coding and robotics; the home of the middle school robotics team

PRODUCTION ROOM

- 144 sq.ft. space
- Sector Priority: Information & Communications Technologies and Digital Marketing
- Providing students experiences and exposure to video and audio production to build interest for future schooling and careers; home of the future middle school Magi Productions

PARTNERSHIP OPPORTUNITIES

Ground breaking on the renovation is scheduled for Summer 2023 with completion in Summer 2024

- Sponsorship opportunities available (contact Kristin Haygood at khaygood@nativityprep.org):
 - STEM Center Naming Opportunity: Title Underwriter
 - Learning Space Naming Opportunities
- Annual Support: see Benefits page



BENEFITS TO PARTNERING

Your partnership provides early exposure to STEM concepts. With our ongoing support, we can continue to foster and guide interest that is sparked in STEM fields through high school and career choices.

Diversity is a recognized asset. Diverse cultural and socioeconomic experiences provide unique perspectives, which are essential to innovation, creativity, sound decision-making and business success. A partnership with Nativity Prep offers participation in growing and attracting a pipeline of highly qualified, ethnically, and socioeconomically diverse future employees and entrepreneurs in their field you sponsor.

ANNUAL BENEFITS

SPECIFIC BENEFITS TO BE MUTUALLY AGREED UPON

- Your **logo** prominently displayed in a list of partners on the outside of the STEM Center, visible from College Avenue
- Emails highlighting your partnership to the program to our entire database of over 2,000 households and displaying career information to all current students, college graduates, and community partners working with similar populations
- A dedicated table at two on-campus **"Career Days"** (one for middle school students and one for high school students)
- Table at an annual "Jobs Fair" for both graduates and the broader community of similar demographics
- An invitation to present and/or have a display at a public **"Community Success Day"** on campus
- **PR opportunities** and shared coverage for such events as ribbon cutting, op-eds written on the importance and prominence of STEM related careers, and Nativity Prep's communication and PR schedule
- Option to sponsor a **student club**, where a representative of your institution would lead students in regular meetings and activities
- **Naming** the room/space after your institution, and prominently displaying your logo within that space



Interested in partnering with Nativity Prep?

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