



BACKGROUNDER

Base 11 is a nonprofit STEM workforce and entrepreneur accelerator out to solve two of the country’s biggest problems: The growing science, technology, engineering and mathematics (STEM) talent crisis, fueled by the underrepresentation of women and ethnic minorities *and* the eroding middle class in America.

History

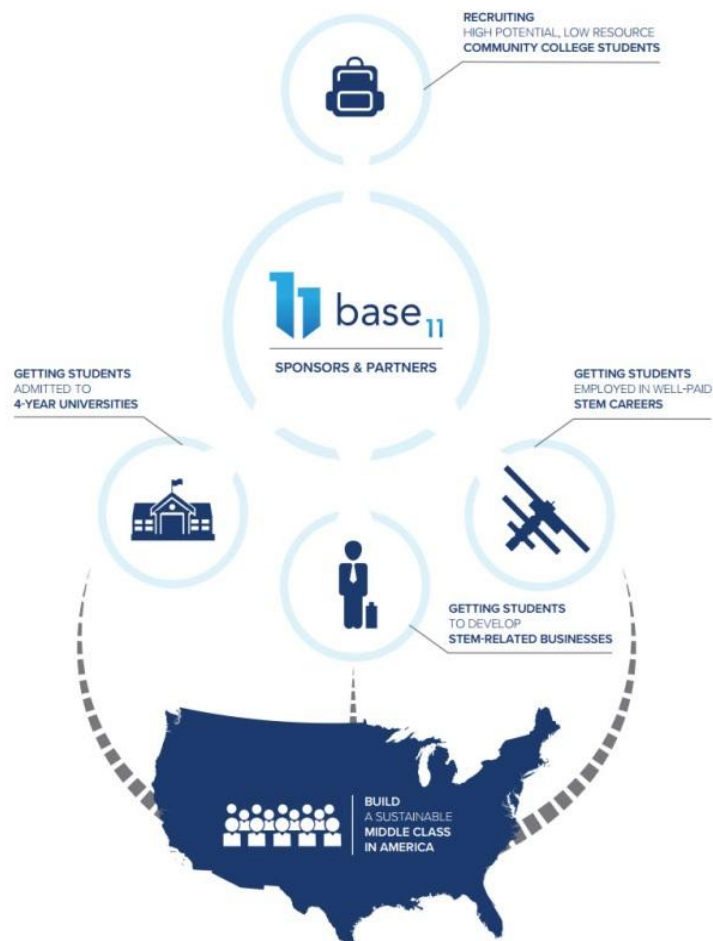
Base 11 (a DBA of Center For Innovation in Excellence) was created in 2009. In 2015, Landon Taylor formally joined as CEO with the idea that the solution to both of the above problems is to partner with industry, academia and philanthropy to transform high-potential, low-resource students into the talent that industry so desperately needs. That’s when he launched the STEM Revolution.

After looking at the current landscape of STEM programs, Taylor identified two primary issues—the need for a connector to build supportive ecosystems for students who are fledgling future STEM leaders as well as an accelerator to address the immediate gaps we currently have in middle skills talent.

Since then, more than 180,000 people have been engaged through **Base 11’s Awareness & Belief Campaign** outreach efforts which encourage students to consider their futures in STEM, and 98% of those were women or students of color.

Also in 2015 Base 11 established the **Victory Circle**, with the initial goal of propelling 11,000 high-potential, low-resource students to successful STEM futures, through Base 11’s programs.

Base 11’s Victory Circle is achieved by completing a Base 11 program, which prepares them for STEM success at a university, in the workplace or as an entrepreneur.





Programs

Base 11's STEM Accelerator program includes three tracks:

- Academic-year **internships** and paid summer **fellowships** at world-class research institutions with mentorship, exposure to high-tech labs and experience with graduate-level research projects
- A **STEM Entrepreneur Program** that includes a 16-week curriculum, training to use the Fab Lab housed in Base 11 Innovation Centers, and culminating in a national pitch competition for cash prizes. Students gain leadership skills, business acumen and innovation techniques that they can apply to their own startup or a major corporation
- **Workforce development** programs that provide job-specific training and apprenticeships for STEM careers. The program also includes leadership development, life skills training and mentorships to support the students' overall success.

Partners

Base 11's inaugural partners include:

- STEMconnector
- Caltech
- University of Southern California
- Smithsonian Air and Space Museum
- University of California Irvine
- Skyline College
- East LA Community College
- Community College of San Francisco
- Ellie Mae.

Base 11 offers partnership opportunities for **Community Colleges** and **Corporations**.

Funding

As a social benefit company, Base 11 is funded by private donors, corporate partners, grants and member organizations. Its for-profit subsidiary Aerodrome, which provides drone operation training, also provides financial support to help Base 11 achieve its mission.

Why the Name Base 11?

A simple shift in perspective can change everything. And sometimes, the first step to transcending our limits is questioning their very existence. The Base-10 number system is one of the most basic assumptions behind our thinking in science and mathematics. The name Base 11 signals our intent to make a disruptive departure from the status quo. To ask sharper questions, challenge conventions and simply get comfortable with being uncomfortable. By drawing out the potential of students whose possibilities exceed their means, we are making a break with the past, pioneering a new age of promise for the middle class. Base 11 crystallizes that theme in a profoundly different kind of name, for a profoundly different kind of initiative.

Base 11 is the operating name of the Center for Innovations in Education, a non-profit 501(c)3 (EIN: 26-4365936).

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