



**College &
Career for
All Fund**

Established by Measure N



**OAKLAND UNIFIED
SCHOOL DISTRICT**

Community Schools, Thriving Students

Life Academy of Health & Bioscience

2023-2024 Measure N Education Improvement Plan Presentation



Presented to Measure N Commission

April 2023

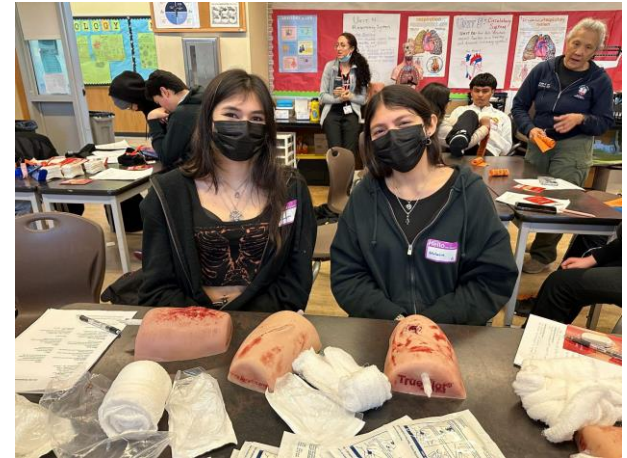
www.ousd.org



@OUSDnews

Overview of Life Academy

- Life Academy serves 430 students in grade 6-12
- Our students come from all over East Oakland.
 - 90.5% of our students are Latinx
 - 4.2% of our students are Black/African American
 - 3% of our students are Asian
 - 80% of our students speak Spanish as their first language
 - 95% of our students qualify for Free/Reduced Lunch
 - 22.3% of our students have IEPs
- We pride ourselves in living out the values of being a small school-by-design: connection, collaboration, and cohesiveness.



Health & Bioscience

Life Academy's pathway supports students in cultivating their knowledge and interest in the following areas:

- **Public Health**
- **Biotechnology**
- **Health Care**
 - Careers beyond becoming a doctor: medical assistant, physical therapist, emergency tech, nurse, dental tech, phlebotomist, etc



3 Year Retrospective: What We Are Proud Of

- Our **pathways programming** is robust. Students engage in twice monthly events through which they attend workshops, job shadows and field trips to clinics, simulation labs, and companies in the healthcare/biotech industry
- Our pathways programming is **student led**. Students receive leadership training and are cultivated to facilitate and lead pathways events.
- Our **graduation rate** has remained high and steady, we are supporting students in completing their high school degrees.
- We have a **medical assisting program** through which students can take dual enrollment classes, attend a twice weekly internship at Highland Hospital and graduate only steps away from a certification as an MA.



3 Year Retrospective: Our Challenges

- Small School course articulation
 - Lack of electives
- Availability of CTE credentialed teachers in the sciences and health
- Building investment from an early age (middle schoolers who are not interested in health and bioscience)
- Math success as a barrier to upper level sciences



Reflections on Past 3 Years: Biggest Learning



- We can do anything but we can't do everything!
 - Clear vision for teacher learning/growth = collective efficacy = stronger student outcomes
- Solid partnerships with healthcare professionals: Each year we bring in over 100 healthcare workers to share their skills, experiences and expertise
- Student leadership is a key way to create buy in and investment.
- Our sub-pathways (public health, healthcare, biotechnology) were an important way to offer specialized experiences to students.

Looking Ahead: Next 3 Year Cycle



What have you learned through creating this new plan for the next 3-year cycle?

- Integrating the sciences across disciplines can be a key to increasing student engagement in the pathway
- It has sharpened our process around addressing math skills gaps in our program. We are excited about our investment in a data and intervention program (Renaissance) that will bolster our ability to make precise instructional decisions in support of our students' individual needs.

Looking Ahead: Challenges

- The challenges of a small, wall to wall pathway will continue!
- The gaps in student learning due to COVID/distance learning will continue to be a challenge.
- The work of improving math learning so that students can enter post-secondary science and math majors with prerequisite skills and confidence



Closing Equity Gaps



Life Academy’s mission is rooted in equity: we seek to “dramatically interrupt patterns of injustice and inequity for underserved communities in Oakland through transformative learning experiences focused on Health, Medicine and Bioscience.”

Over the last few years, we’ve radically increased access to schema-building opportunities and exposure to careers through our pathway programming, including monthly events and 4 conferences per year. This has had a profound positive impact on our student’s desire to pursue careers in the healthcare field.

Life Academy of Health & Bioscience

Aligned CTE Industry Sector: Health and Bioscience

Rigorous Academics

Measure N Investments

- Master schedule investment in common planning time for internship teachers to ensure high grad rates; continued pathway development to heighten student passion for health and bioscience.
- Continued emphasis on building critical literacy skills.

Pillar Components/ Activities

- “Vision X” -- all students will demonstrate mastery of the major work of Alg 1 by the end of 9th grade
- Literacy Intervention in the 9th grade; Analyzed Literacy Interim Assessments across MS/HS; QTEL PD; EL Shadowing
- continued investment in standards-alignment
- increased investment in ensuring that humanities content reflect themes of the pathway

Career Technical Education

Measure N Investments

- Supporting Mr Juang in becoming a CTE-credentialed teacher in Biotechnology
- 2x monthly Pathway events

CTE Course Sequence

- Health and Bioscience (Grade 9)
- Physiology & Chemistry (Grade 10)
- Physics, and Dual Enrollment offerings in grades 11-12, including: Statistics, Medical Terminology, Medical Assisting, Bio 24, Psychology, Data Science

Pillar Components/Activities

- HealthCon2023: health conference bringing together medical and health professionals to inspire students
- Public Health Conference: bringing together public health professionals to ensure students see the breadth or careers in PH
- Monthly Pathway Events for Healthcare, Biotechnology, and Public Health (sub-pathways within the larger structure): focus on bringing professionals and career-education directly to students and community on a monthly basis.

Work-Based Learning (WBL)

Measure N Investments

- internship teacher
- WBL coordinator (part time)
- Ensuring that 100% of students have hands-on learning experiences with health and bioscience: transportation, etc

Partnerships

CHO, Alta Bates, La Clinica, Wright Institute, UCSF School of Nursing; Alameda Health Systems; Highland Hospital; Merritt College

Pillar Components/Activities

- Goal of re-establishing internship program, 100% of students engaged in off-site internships
- 100% of 10th graders engaged in simulation lab rotation at Highland Hospital.

Student Supports

Measure N Investments

- Case Managers who hold RJ/PBIS and monitor and support students
- school counselor
- Mental health providers and services for students
- Trainings for staff around anti-racism and strategies for building safe classroom spaces for all students.

Partnerships

Wright Institute, Native American Health Center, CSU East Bay, Highland Hospital Sim Lab, UCSF Kanbar Center

Pillar Components/Activities

- Maintaining wraparound services to support the social/emotional needs of young people.

Questions?

EVERY STUDENT THRIVES!



End slide with changeable photo.
Please adjust opaque box as **best fits the photo**. This example above shows 35% white. Delete this orange box and text box!



**OAKLAND UNIFIED
SCHOOL DISTRICT**
Community Schools, Thriving Students

1000 Broadway, Suite 680, Oakland, CA 94607

www.ousd.org



@OUSDnews

Contact us for additional information [optional contact area]
Phone: 510.555.5555 | Email: info@ousd.org