



**College &
Career for
All Fund**

Established by Measure N



**OAKLAND UNIFIED
SCHOOL DISTRICT**

Community Schools, Thriving Students

East Bay Innovation Academy

2023-2024 Measure N Education Improvement Plan Presentation



Presented to Measure N Commission

4/19/2023

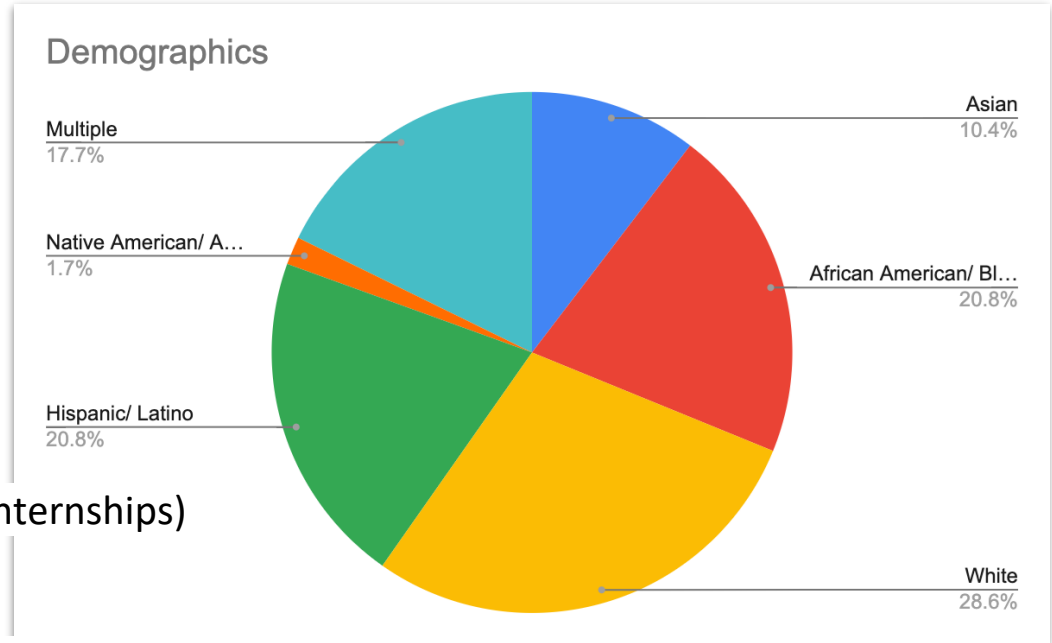
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Overview of School

- Student Enrollment of School: 234
 - 9th: 74
 - 10th: 60
 - 11th: 36
 - 12th: 64
- School Highlights:
 - AP Capstone Offering
 - PLTW CS Courses
 - Genesys Partnership (Full Paid Internships)
 - Diverse by Design
 - Science Olympiad Participant
 - High A-G Completion Rate for Students of Color above 90%
 - High Graduation Rate for Students of Color above 90%



Our Pathways

Pathway name:

Computer Science and Design Innovation: a Software and Systems Development Pathway

Industry Sector:

Information and Communication Technologies

Pathway Mission

EBIA Upper School is a “Computer Science and Design Innovation” Linked Learning pathway which aims to prepare a diverse group of students, who reflect the Oakland community, to be successful in college and to be thoughtful, engaged citizens who are leaders and innovators in a 21st century global world.

Pathway Vision

We strive to support students in using Information and Communication Technologies to design, innovate, and create change within our community. This focus allows us to integrate college-prep coursework with CTE (career technical education) and the social and emotional skills students need to be leaders and changemakers. Students learn to be problem solvers and strong advocates who utilize computer science, technology and the design process to create innovative solutions for the issues faced by their community. When students leave EBIA they are ready for college, to pursue a career in computer science or a design field, and to be leaders in whatever path they choose.

Reflections on Past 3 Years

What are you most proud of in terms of Pathway development?

- Developing a course sequence that progressively develops students' skills within the pathway and partnering with the Project Lead the Way to align our curriculum
- Introducing the Senior Capstone Course.
- Working with our College and Career Readiness Counselor to create more opportunities for college visits, college prep, and family & student nights to prepare for life after high school.
- Expanding the materials in our Learning Lab to include more hands on tools to bring learning to life such as 3D printers, laser cutter, Robots, PiTops, and other equipment that allow students to showcase their learning and abilities.
- Exiting Probationary status and Achieving Silver Certification for Linked Learning Alliance.
- Expanding number of internship opportunities to include several paid internships for Seniors through a partnership with Genesys Works.
- Expanding course offerings to include CS elective courses such as Cyber Security, Robotics, and more to come.

Reflections on Past 3 Years

What have been some of the challenges?

- Getting more internships and work experience opportunities for students
- Developing a course sequence that will meet the needs of students and current needs of the industry in the first 2 years.
- Ensuring staff, students, and families understood the pathway
- Roll out of the WBL curriculum
 - Full school involvement and utilization of designated school time in competition with intervention time.
- Filling roles with high quality teachers in a competitive CS market in the bay area (competing with Tech sector to get teachers)
 - Credentialing
 - Pay

Reflections on Past 3 Years

What have been your biggest learnings?

- It takes a team effort to make the pathway successful and building out a team is necessary
- Teachers need significant support to implement PLTW courses for the first time
 - PLTW Professional Development (PLTW Core Training)
 - Prep time to implement/integrate new curriculum
- The importance of engaging all stakeholder/educational partners throughout the pathway development process.
- Importance of a fully integrated program: Aligning master schedule, bell schedule, professional development in support of fully integrated pathway.

Looking Ahead

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

- A big focus should be on how to integrate more work based learning experiences into the different grade levels.
- Integrated professional development focused on continuous learning and improvement is key to a successful pathway.
- Backwards mapping from the Gold Standards is necessary in order to make progress and achieve certification.
- Engaging stakeholders is very important

Looking Ahead

What are you most excited about?

- Full implementation of the Project Lead the Way curriculum
- Pathway Team Members that are consistent and committed to the growth of the pathway
- More internship opportunities for students
- Opportunities for more dual enrollment courses with partnering community colleges
- Our pathway attracting more students and staff members who are interested in a high-quality Computer Science program

Looking Ahead

What are your biggest challenges moving forward?

- Filling all CTE courses with certified teachers
- Establishing a consistent high-quality dual enrollment course load on campus
- Filling out Pathway team with dedicated roles
- Ensuring consistent enrollment.

Equity

How are your Pathway(s) helping to close equity gaps in your school? (through the lens of your LCAP focal groups)

- It exposes students who are not academically motivated to see a world of learning that is outside of the traditional classroom.
 - Shifts mindset around what learning looks like and what a learner looks like.
- Supports them to learn skills that can be used after high school.
- Provides funding for additional experiences and supports supplementing our existing structures for students.
 - Expanded College and Career Counseling
 - WBL opportunities and experiences

Questions?

EVERY STUDENT THRIVES!



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