

Innovative Design & Engineering Academy (IDEA)

Aligned CTE Industry Sector: Engineering Technology

Rigorous Academics

Measure N Investments

- Staff planning time to build curriculum with an emphasis on integrated and thematic units connected to industry theme, and address student support and intervention

Pillar

Components/Activities

- Integrating design thinking process, universal design, and engineering concepts into content area classes through thematic and integrated units
- Continuing client-based YPLAN project in 11th grade
- Adding action and/or prototype component to graduate capstone project

Career Technical Education

Measure N Investments

- Site-based Pathway Coach

CTE Course Sequence

- Engineering Design & Analysis (from Engineering Your World)
- Universal Design I
- Universal Design II

Pillar Components/Activities

- Implementing new 12th grade CTE course

Work-Based Learning (WBL)

Measure N Investments

- Site-specific Work Based Learning Liaison

Partnerships

- Google, Pandora
- PilotCity
- Penumbra Inc
- NAC Architecture
- Genesys Works
- Y-Plan (UC Berkeley)

Pillar

Components/Activities

- Job Fair
- District- and site-organized events like career fairs, expert interviews, etc.

Student Supports

Measure N Investments

- Pathway dedicated counselor
- Pathway dedicated AP
- Pathway dedicated case manager
- Pathway Director TSA stipend

Pillar

Components/Activities

- Tiered student intervention system with students of concern protocol and individual student supports
- Partnership with site-based Wellness Center
- Develop pathway syllabus with shared policies across teachers

ENVIRONMENTAL SCIENCE ACADEMY

Aligned CTE Industry Sector: Energy, Environment, and Utilities
(Environmental Resources Pathway)

Rigorous Academics

Career Technical Education

Work-Based Learning (WBL)

Student Supports

Measure N Investments

Measure N Investments

Measure N Investments

Measure N Investments

Pillar Components/Activities

- All pathway 12th graders must pass the Senior Project
- Adding community action project to graduate capstone requirements
- Implementing no-D and/or mastery-based grading policies in most pathway classes
- Create vertically aligned pathway skills rubric

- Funding for CTE teacher
- Site-based Pathway Coach

CTE Course Sequence

- Environmental Studies 1
- Environmental Studies 2
- Advanced Environmental Studies and Action

Pillar Components/Activities

- Organizing two farmer's market-style events to showcase pathway work
- Guest speakers from industry partners
- Utilizing outdoor classroom garden space more regularly
- Explore Wilderness First Aid certification

- Site-specific Work Based Learning Liaison

Partnerships

- EBMUD
- Sunpower
- Waste Management
- Planting Justice
- Sierra Club
- Bay Area Wilderness Training
- Metrolinx
- Rose Foundation

Pillar Components/Activities

- Study tours to job shadow
- Mock Interviews
- Job fair
- Resume workshops

- Pathway Dedicated Counselor
- Pathway Dedicated AP
- Pathway Dedicated Case Manager
- Pathway Director TSA stipend

Pillar Components/Activities

- Development of shared policies across pathway classes
- Community building activities on campus and in local green spaces.
- Partnership with site-based Wellness Center
- Adoption of the No-D Policy
- Partial adoption of mastery-based grading.

LAW & SOCIAL JUSTICE

Aligned CTE Industry Sector: Law & Public Service

Rigorous Academics

Career Technical Education

Work-Based Learning (WBL)

Student Supports

Measure N Investments

Measure N Investments

- Site-based Pathway Coach

Measure N Investments

- Site-specific Work Based Learning Liaison

Measure N Investments

- Pathway Dedicated Counselor
- Pathway Dedicated AP
- Pathway Dedicated Case Manager
- Pathway Director TSA stipend

Pillar Components/Activities

CTE Course Sequence

- 10 - Intro to Law & Social Justice
- 11- Development of American Justice
- 12 - Social Justice & Advocacy

Partnerships

- Alameda County Public Defender's Office and Superior Courthouse
- Centro Legal de la Raza
- Center for Youth Development through Law
- Law Students of African Descent

Pillar Components/ Activities

Pillar Components/ Activities

- Better interaction with and support from Advisory Board
- Robust project-based learning units that include authentic audiences/clients
- Guest speakers from industry partners
- Partnership with Y-PLAN at UC Berkeley for civic engagement project based learning (grade 11)

Pillar Components/ Activities

- Mock trial
- Reimagining Justice
- Mock Interviews
- Job fair
- Resume workshops

- Regular meeting time for pathway teachers and support staff (AP, counselor, case manager)
- Implementation of data informed intervention system that allows for broad analysis and deeper, student-specific inquiry.
- Tiered student intervention system with students of concern protocol and individual student supports
- Community building activities on campus and with community partners
- Partnership with site-based Wellness Center

- Expand student portfolio process
- 3-year CTE course sequence
- 12th grade teacher holds Law CTE credential
- Senior Capstone incorporates pathway themes and topics relating to the law, community issues, and public service

PUBLIC HEALTH ACADEMY

Aligned CTE Industry Sectors: Public Health

Rigorous Academics

Measure N Investments

Pillar Components/Activities

- Better documentation and updating of curriculum to align with current industry trends
- Robust project-based learning units in humanities classes with authentic and relevant topics and public exhibitions of student work
- Senior Project completion required for graduation.
- Every senior has a staff project advisor for Senior Project.
- AP, dual enrollment, & concurrent enrollment classes encouraged but not required, with an emphasis on science & health.
- "No D" grading policy (since 2019)
- Visits to curriculum-aligned museum exhibitions and theater productions when available.

Career Technical Education

Measure N Investments

- Site-based Pathway Coach

CTE Course Sequence

- All three courses are UCCI (University of California Curriculum Integration approved).
- 10th:** Public Health Solutions
- 11th:** Literacy, Advocacy, and Public Service
- 12th:** Reading & Writing for a Healthier World

Pillar Components/Activities

- Dual enrollment courses include health, and EMT training courses.
- All students receive CPR/First Aid training.
- Industry partners as classroom speakers.

Work-Based Learning (WBL)

Measure N Investments

- Work-Based Learning Liaison

Partnerships

- Alameda County Public Health Department
- UC-Berkeley School of Public Health
- Science Dept. at Merritt College (nursing, histotechnology, microscopy, first responder)

Pillar Components/Activities

- Career symposium with Alameda County Dept. of Public Health
- Medical ethics debate at UCB School of Public Health
- Annual publication of *Cross-Cultural Medicine: A Collection of Student Narratives...*
- Resume dev. & mock interviews

Student Supports

Measure N Investments

- Pathway Assistant Principal
- Pathway Academic Counselor
- Pathway Case Manager
- Pathway Director TSA stipend

Pillar Components/Activities

- Community building activities and trips for all students
- Students of concern protocol and individual student supports with referrals to other services as appropriate
- Partnership with on-campus Wellness Center
- Phased adoption of mastery-based grading with an emphasis on equity
- Data-based program analysis

VISUAL ARTS ACADEMY MAGNET PROGRAM

Aligned CTE Industry Sector: Visual Arts

Rigorous Academics

Career Technical Education

Work-Based Learning (WBL)

Student Supports

Measure N Investments

Measure N Investments

-Site-based Pathway Coach

Measure N Investments

• Site-specific Work Based Learning Liaison

Measure N Investments

- Pathway Dedicated Counselor
- Pathway Dedicated AP
- Pathway Dedicated Case Manager
- Pathway Director TSA stipend

Pillar Components/Activities

- 3 year course sequence is in place to develop an artistic skill set, related to an industry-specific strand.
- All pathway 12th graders must pass the Senior Project
- Art themed units in humanities and math classes

CTE Course Sequence

- Introduction to Art & Design

- Intermediate Visual/Commercial Arts
- Advanced Visual/Commercial Arts

- Introduction to Art & Design

- Intermediate Digital Media
- Advanced Digital Media

Pillar Components/Activities

• Authentic projects and clients in the CTE classes (e.g. food photography for local restaurant website and social media use)

Partnerships

- Museum of Children's Art (MOCHA)
- Civic Design Studios
- Clorox
- Oakland Autumn Lights Festival

Pillar

Components/Activities

- Mock Interviews
- Winter Artist's Market
- Spring Art Showcase & Gallery

Pillar

Components/Activities

- Community art engagement with our partners at Civic Design Studios.
- Internships Opportunities with Museum of Children's Art.
- Intervention system with students of concern protocol and individual student supports

RISE

(Recent Immigrant Support and Engagement Academy)

Aligned CTE Industry Sector: Business Management

Rigorous Academics

Measure N Investments

- Staff planning time to build curriculum with an emphasis on project based learning, interdisciplinary units, vertical alignment.

Pillar Components/Activities

- Realignment across classes around language acquisition strategies and classroom policies
- After school tutoring and club to support students academically

Career Technical Education

Measure N Investments

- Site-based Pathway Coach
- Funding for CTE teacher

CTE Course Sequence

- Intro course: “Business Management for Socially Beneficial Economic Growth”
- Intermediate: course “Effective Principles to Managing Socially Beneficial Economic Growth”

Pillar Components/Activities

- Community and industry partner involvement with student projects in the CTE courses

Work-Based Learning (WBL)

Measure N Investments

- Site-specific Work Based Learning Liaison
- Transportation and admission costs for WBL activities

Partnerships

- National Association of Black Accountants/SFSU; Laney College (ESOL Dept)

Pillar Components/Activities

- Add college visits for students
- Mock Interviews
- ECCO Internships
- Job Fair
- ELD 4 Career Exploration Project

Student Supports

Measure N Investments

- Pathway Dedicated Counselor
- Pathway Dedicated AP
- Pathway Dedicated Case Manager
- Pathway Director TSA stipend

Pillar Components/Activities

- Tiered student intervention system with students of concern protocol and individual student supports
- Community building activities and trips for all students