

# Aspire Lionel Wilson Prep

Designing for Social Change: An Engineering Pathway (A Linked Learning Silver Certified Pathway)

Aligned CTE Industry Sector: Engineering Design

## Rigorous Academics

### Measure N Investments

- 1.0 FTE Pathway teacher
- Pathway Consultant and Coord.
- PBL and Linked Learning PD
- Stipends for teacher development

### Pillar Components

- Access to A-G approved courses, 90%+ graduate with A-G diploma every year
- Hi-Tech High PBL development
- Linked Learning Alliance Authentic Assessment development
- Updating grading practices based on *Grading for Equity*
- Developed Professional Learning Communities to focus on student work and instructional practices.
- Offer Multiple AP courses

## Career Technical Education

### Measure N Investments

- PLTW Engineering course training, online resources, and supplies
- Pathway Consultant and Coord.
- PBL and Linked Learning PD
- Stipends for teacher development

### CTE Course Sequence

- 9th - BUILD
- 9th - PLTW Engineering Essentials
- 10th - PLTW Intro to Engineering Design
- 11th - PLTW Environmental Sustainability
- 12th - PLTW Civil Engineering and Architecture

### Pillar Components

- Cross-curricular Design Thinking projects
- Cross-curricular End-of-Year Engineering Exhibition Projects
- Industry consultation on project design, student feedback
- Senior Design Project
- -9th grade BUILD design project

## Work-Based Learning (WBL)

### Measure N Investments

- Pathway Consultant and Coord.
- Aspects of WBL embedded in PLTW curriculum

### Partnerships (partial list)

- Pathway Advisory Board
- BUILD
- Peralta CTE
- SWA Design Group
- Tesla
- Buzzfeed
- Turner Construction
- UC Berkeley College of Environmental Design

### Pillar Components

- Twice monthly professional speaker series
- 9-12 career exploration in advisory
- College and Career Portfolio 9-12
- Senior Project Defense w/ Industry Representatives
- Resume review, mock interview practice
- Career panels
- Professional presentation workshops

## Student Supports

### Measure N Investments

- Pathway Consultant and Coord.
- Differentiation in PLTW curriculum
- Stipends for teacher development

### Partnerships (partial list)

- BUILD
- iMentor
- Peralta
- UC Berkeley College of Environmental Design

### Pillar Components

- College and Career Readiness for seniors
- Counseling 24/57 (Peralta)
- Integrated ELD, reading and math group support
- Paper Tutoring
- Tiered academic supports (small group, CICO, MHC, etc.)
- Differentiated college and career counseling 9-12
- Comprehensive SPED team including IAs, MHC, behavior specialist, reading specialist