

LIGHTHOUSE COMMUNITY CHARTER HIGH SCHOOL

Product Design Pathway

Rigorous Academics

Measure N Investments

- Pathway classes are both A-G approved and CTE aligned
- Dual enrollment: 2 classes on campus per semester
- Interdisciplinary projects
- Integration of design thinking/skills in core academic classes (EG soap making in Chemistry)

Pillar Components/Activities

- A-G for all
- Dual enrollment classes compliment Pathway theme
- More AP classes added
- Nearly 50% of seniors will graduate with college credit
- Design Thinking Model utilized in all Pathway classes and some core classes
- 2021-22 is the first year we will have CTE completers (should be about 65% of seniors)

Career Technical Education

Measure N Investments

- CTE credentialed teachers for all Pathway classes
- Common planning period and release days for Pathway teachers
- Investment in professional grade tools and machines for Pathway classrooms
- Formation of afterschool Screenprinting Club

CTE Course Sequence

- 2D Design (9th Grade)
- 3D Design (10th Grade)
- Graphic Design (11th Grade)
- Advanced Design & Manufacturing (12th Grade)

Pillar Components/Activities

- Hands-on projects in each Pathway class: (1) Design for Self; (2) Design for a friend/client; (3) Design for the Community
- Capstone: Culminating project (bookshelves) + gallery show/presentation + Autodesk certification in Fusion 360 (CAD)

Work-Based Learning (WBL)

Measure N Investments

- Class projects that mimic professional experiences
- Interactions with experts and industry professionals during class time
- Field trips
- Wrote and received Strong Workforce grant allowing us to hire a Work-based Learning Coordinator

Partnerships

- Clorox
- Enlisted Design
- Fung Institute
- Genesys Works
- Loom
- Peralta CCD
- Silman
- Suit Up!

Pillar Components/Activities

- WBL integrated into all Pathway classes
- Business/Design competitions
- Career Day
- Some internship opportunities with more planned for 2022-23

Student Supports

Measure N Investments

- Master schedule that allows all students to take Pathway classes as well as credit recovery, designated ELD, and college/career seminar
- Hired math interventionist with carryover funds

Partnerships

- OneGoal
- DCAC
- Seneca (counseling and SPED)

Pillar Components/Activities

- College & Career Seminar classes for all 11th/12th grade students
- Credit recovery options
- Extensive socio-emotional counseling & SPED support
- Designated ELD classes and professional development for all teachers to support English language learners
- Strong family partnerships and triennial student-led conferences
- Tiered system of student support