

Lighthouse Community Public School

Aligned CTE Industry Sector: Product Design and Production

Rigorous Academics

Measure N Investments

All of our Pathway courses are A-G approved courses in which students engage in project-based, hands-on learning in collaborative groups

Both Pathway teachers are industry professionals who incorporate authentic processes, skills, and assignments into their classes. Whether or not students are interested in pursuing a career related to product design, our Pathway classes encourage critical thinking and creativity.

LCPS is focused on improving student proficiency in English and Math in order to achieve 75% proficient in English and Math on the CASP assessment

Pillar Components/Activities

CTE classes leverage opportunities to tie their projects relevant to emerging issues facing Oakland or the East Bay OR with topics (texts, units of study, concepts) existing in core classes.

LCPS is implementing dual enrollment classes for career based pathways at the community college.

There is professional development time and resources provided to teachers to engage in cross content instructional planning.

We will continue to work with Instruction Partners and implement interim assessments in order to focus on the efficacy of our instruction and to adjust for student needs.

Career Technical Education

Measure N Investments

- (1) 2d Design Teacher
- (1) 3D Design Teacher

CTE Course Sequence

2D Design
3D Design and Advanced Manufacturing

Pillar Components/Activities

All students will participate pathway design courses.

Pathway teachers are required to incorporate work-based learning opportunities into course syllabus; supervisors support them to make work-based learning a reality in these classes. Some of the strategic actions we will be taking here include ongoing professional development throughout the year.

Work-Based Learning (WBL)

Measure N Investments

Buying equipment and materials for students to have hands on experience in manufacturing products in the classroom.

Partnerships

CTE Advisory Board and work site partners for Internships.

Pillar Components/Activities

CTE Pathway Advisory Board and Pathway teachers will incorporate work based learning activities into curriculum. Each grade level will culminate with a specific experience that will help the pathway completion at LCPS. These will include career exploration, resume building, interview skills, on the job training, etc.

Student Supports

Measure N Investments

Measure N Coordinator will maintain and nurture industry advisory board, and new partnerships and Guest Speakers.

Partnerships

CTE Advisory Board Members and other community partners.

Pillar Components/Activities

CTE Pathway Advisory Board will support students by providing feedback on work products produced in the classroom. In addition, the advisory board members will be guest speakers in the classroom throughout the academic year.