



**OAKLAND UNIFIED  
SCHOOL DISTRICT**

*Community Schools, Thriving Students*

# Aspire Lionel Wilson

## Measure N



Presented by Lionel Wilson

Presented to Measure N Commission

December 10th, 2019

[www.ousd.org](http://www.ousd.org)



@OUSDnews

# Pathway Information

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## Designing for Social Change: An Engineering Pathway Engineering and Architecture

### Vision:

All scholars will demonstrate that they can achieve academic and technical excellence in an Engineering program of study and that they have the confidence to participate in creating a more desirable future

Number of Students in Pathway: 228

# Updates



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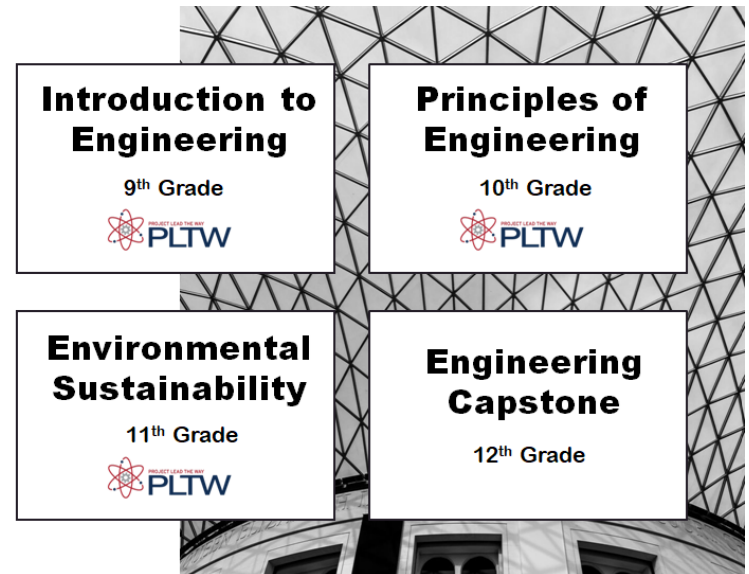
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## Integration of Project Lead the Way as CTE course sequence

- We adopted Project Lead the Way Engineering Curriculum to ensure we are offering rigorous, CTE aligned learning experiences for students.

### Engineering Pathway

Lionel Wilson College Prep



# Updates



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## Development of Pathway Student Outcomes

- We continue to infuse our Graduate Profile Competencies into our daily work at school --in all classes, in assessments, in work-based learning. We are beginning to use aligned rubrics and metrics to determine student progress.

### AN LWP GRAD WILL EMBODY...



**Academic  
Excellence**



**Communication  
& Collaboration**



**Independence**



**Problem Solving &  
Critical Thinking**



**Local and Global  
Citizen**

19  
-  
20

**Graduate Profile**

Lionel Wilson College Prep

# Updates

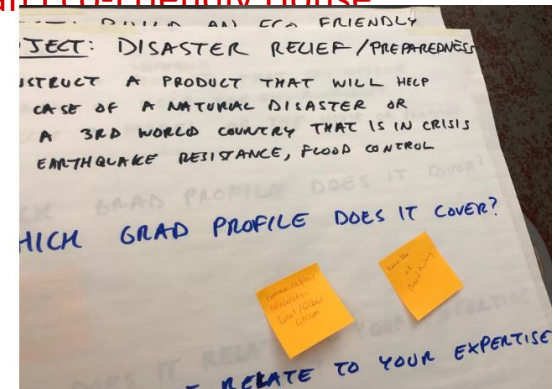


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## Development and Implementation of Integrated Projects

- Development and Implementation of Integrated Projects
  - We researched and reviewed examples of engineering projects and are currently designing and implementing a sequence of cross-curricular projects and exhibitions for grades 9-11.
  - 9th - Design a School that Meets Maslow's Hierarchy of Needs
  - 10th - Develop a Disaster Readiness Plan
  - 11th - Develop an Eco-Friendly House



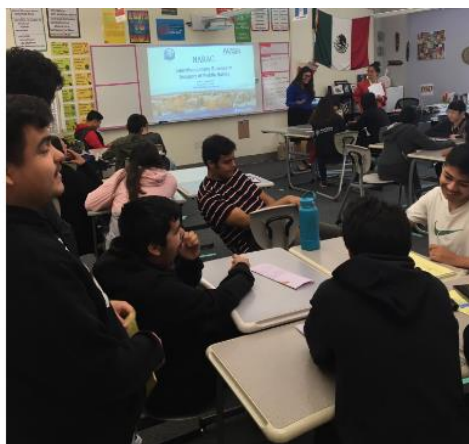
# Updates



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## Work-Based Learning Continuum Development & Integration

- Leveraging our BUILD and i-Mentor Partnerships to increase professional collaboration and jobsite visits.
  - Ross, Inc
  - Work Day
  - First Republic Bank
- Hosted Career Real Talk Events with Apple, Google, and NASA engineers (among others)
- Career videos and conversations in advisory



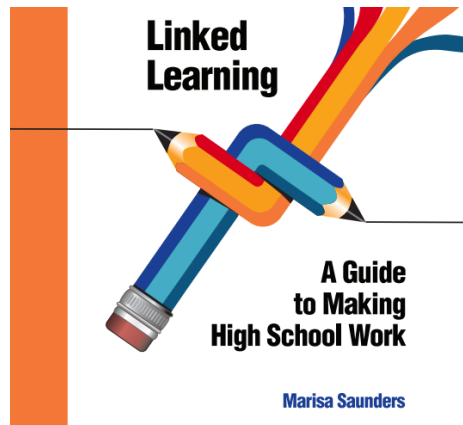
# Updates



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## Development of Teacher Capacity

- Dedicated PD time every Friday to advance our pathway development
- PBL cycle planned for Semester 2 in collaboration with PBL lead and consultant (Patricia Clark)



PROJECT OVERVIEW									
Name of Project:		Teacher(s):				Duration:			
Subject/Course:		Grade Level:							
Other subject areas to be included, if any:									
Project Idea Summary of the issue, challenge, investigation, scenario, or problem:									
Driving Question									
Content and Skills Standards to be addressed:									
21 <sup>st</sup> Century Skills to be explicitly taught and assessed (T+A) or that will be encouraged (E) by project work, but not taught or assessed:		Collaboration		T+A	E	Other:		T+A	E
		Presentation							
		Critical Thinking							
Culminating Products and Performances	Group:							Presentation Audience:	
								Class:	
								School:	
								Community:	
								Experts:	
	Individual:							Web:	
								Other:	

# Updates

## Integration of Linked Learning framework in larger school structures

- Dedicated metrics in strategic plan aligned to pathway development.
- Monthly collaboration time with Aspire regional team and Golden State Prep to share ideas and identify how Aspire can support initiatives (i.e. grant writing for CTE buildout)
- Invested in new laptops and 3-D printers to support engineering software and high quality student work (using general budget funds)



# Updates



## Program of Study

- PLTW Engineering
  - Offering industry aligned rigorous CTE courses
  - Integration of core academic courses
- Career conversations and exposure embedded in schools structures (announcements, bulletin boards, advisory, town hall, etc.)
  - Levering school structures to support exposure and understanding of pathway
- Engineering Design Based Exhibition Sequence
  - Interdisciplinary, grade level team-developed engineering projects that advance grad profile competencies and build off of the engineering course students are taking.

# Updates

## What are some examples of the implementation of your plan?

- Measure N Implementation Rubric Updates
  - Integrated Core - 2+ in 18/19
    - Build out of PLTW Engineering Courses
  - Professional Learning - 1+ in 18/19
    - PD time dedicated to pathway development with staff taken on the work, support from consultant to align resources
  - Types of Student Experiences - 1+ in 18/19
    - leveraging partners, time built into advisory and town hall to discuss careers, build out of plan with advisory board on 11/13
  - Pathway Evaluation - 2 in 18/19
    - grade levels spend PD time aligning rubrics and determining how to assess progress

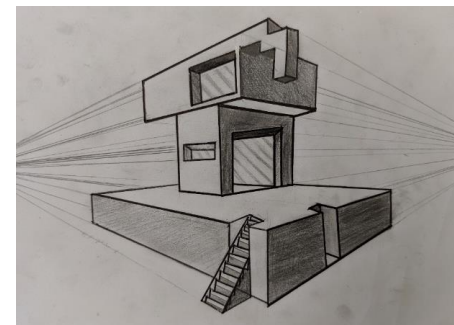
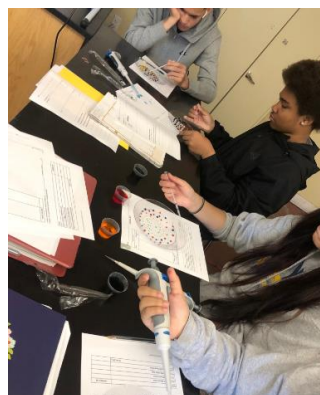
# Updates



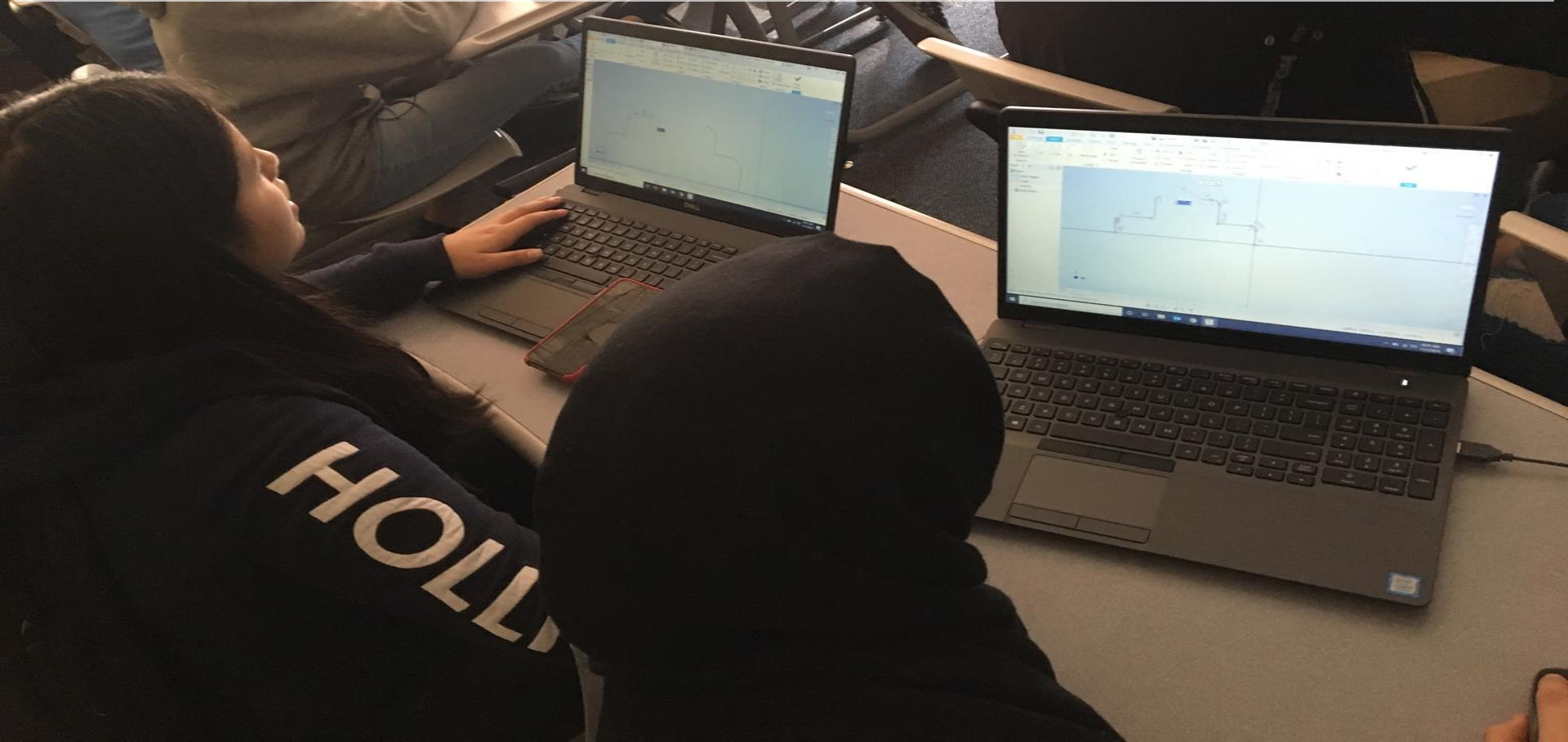
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**What is  
different this  
year from the  
last year in  
terms of  
pathway  
development?**

- Our work to infuse our Graduate Profile Competencies into our daily work at school and in all classes.
- Ongoing Linked Learning professional development and conversations with staff members
- Implementation of rigorous CTE courses
- Working with Pathway Consultant (Patricia Clark)



# **EVERY STUDENT THRIVES!**



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