



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

LPS Oakland R&D: Entrepreneurial Technology Pathway

Measure N Commission Presentation



Presented by: Alexandra Creer (Principal), Laura Hayes (Measure N Design Lead)

Presented to Measure N Commission

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Design Process Narrative



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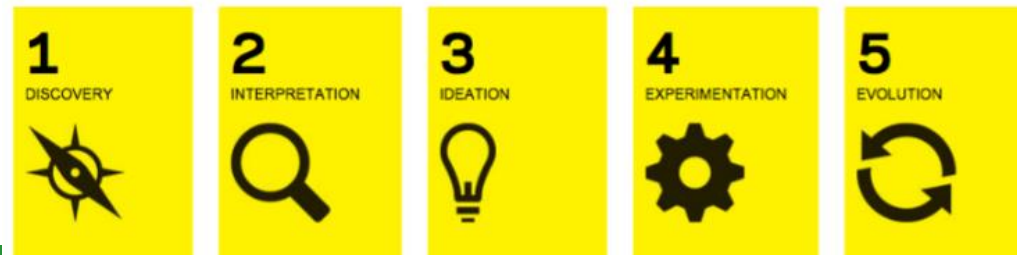
Our current iteration of our pathway has been developed based on research and deeper learning activities experienced by our various stakeholders:

Site Visits: LIFE Academy, Envision Academy, Oakland International, San Leandro High School, cross-LPS visits

Literature Review: Conley's 4 Keys to College & Career Readiness, Essential Questions, Culturally Responsive Teaching and the Brain, resources from Association of Career & Technical Education

Design Meetings: All-Day Design Meetings, Site Design Team, Full Staff Equity Data Analysis, Site Visits, Industry Partners, Family Meetings

Stakeholder Feedback: Solicited through the various design meetings



Focus Areas To Shift



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Areas of Focus:

- **Improve male graduation rates**
 - Close the male/female graduation gap (15%)
- **Increase advanced (AP and dual enrollment) course offerings for *all* students**
 - Train teachers in AP course offerings
 - Continue to partner with Merritt for dual enrollment
 - Refine cohort model
- **Decrease the chronic absence rate**
 - Increase parent education
 - Personalized student supports
- **Improve SBAC math performance**
 - Project-based learning
 - Problem solving across the curriculum (Math, CS)

Root Causes and Goals



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Root Causes	Goals for Next Year
<p>Male/Female Graduation Gap</p> <ul style="list-style-type: none"> Current course offerings, curriculum, pedagogy don't meet unique male needs Opportunities for hands on, kinesthetic learning 	<ul style="list-style-type: none"> AP Computer Science, Entrepreneurship, Merritt courses (Computer Principles, Environmental Sustainability) Project-Based Learning training and implementation Refine Ethnic Studies curriculum
<p>Advanced Course Offerings</p> <ul style="list-style-type: none"> Previously limited course offerings 	<ul style="list-style-type: none"> AP Training (Computer Science, Chemistry) New Merritt partnerships (Computer Principles, Environmental Sustainability) Study Hall cohort model
<p>Chronic Absence</p> <ul style="list-style-type: none"> Parent Education Personalized Student Supports 	<ul style="list-style-type: none"> Increase parent education (PGA, Intervention Counselor, Lower/Upper School Counselors) Improve personalized student supports (Intervention Counselor, Advisory)
<p>SBAC Math Performance</p> <ul style="list-style-type: none"> Teacher Turnover Lack of vertical alignment 	<ul style="list-style-type: none"> Summer vertical alignment Cross-departmental collaboration (Math, CS, Science) Lower School Dean/Project Based Learning focus

Instructional Focus & New Design Features



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- **Pathway Courses/Opportunities: Data Driven Instruction & Technology**
 - Increase dual enrollment options
 - Refine 9th grade Ethnic Studies curriculum (I-SEEED, CHS collaboration)
 - AP Computer Science Principles course (and teacher training)
 - Entrepreneurship (NFTE) pilot course
 - Work-Based Learning
- **Structural Shifts**
 - Parent Education
 - Peer Tutoring structure and training
 - Increased use of Naviance and refined Advisory lessons (Lower School Counselor)
- **Professional Learning: Cycles of Inquiry**
 - 9th Grade Interdisciplinary projects
 - Project-Based Learning training
 - Consistent pathway collaboration (differentiated PD)

Action Plan



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Summer 2016	Fall 2016	Winter 2016
<ol style="list-style-type: none"> 1. Hire Lower School counselor 2. Summer Bridge with Peer Tutors 3. Math team collaboration: CC aligned curriculum units 4. Computer Science teacher trained in AP CS Principles and adjust curriculum as needed 5. Collaboration to refine Ethnic Studies curriculum 6. Train teacher who will pilot 1 Entrepreneurship (NFTE) course 	<ol style="list-style-type: none"> 1. Implement new Merritt courses (Computer & Environmental) 2. Pathway teacher collaboration 3. Attend Association for Career & Technical Education Conference 4. Incorporate Naviance into Advisory (all grades) 5. Continue to refine Ethnic Studies curriculum 6. 9th grade collaboration to identify interdisciplinary project-based learning 7. Begin developing WBL opportunities 	<ol style="list-style-type: none"> 1. Convene team to review course success in dual enrollment 2. Review Peer Tutor successes and adjust training as needed 3. Outreach to middle schools with a focus on pathway programming 4. Review end of semester equity data with staff to refine school-wide goals 5. Continued 9th grade collaboration & development of interdisciplinary project

EVERY STUDENT THRIVES!



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