



LINKED LEARNING CONVENTION | ANAHEIM, CA | FEB. 12-14

# Making the Linked Learning Ecosystem Work



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#LinkedLearning | #LLCON2018

# Introduction to Linked Learning

# WHAT IS LINKED LEARNING

- An **approach**, not a program
- About college **and** career
- For **all** students, regardless of achievement level

# WHY LINKED LEARNING

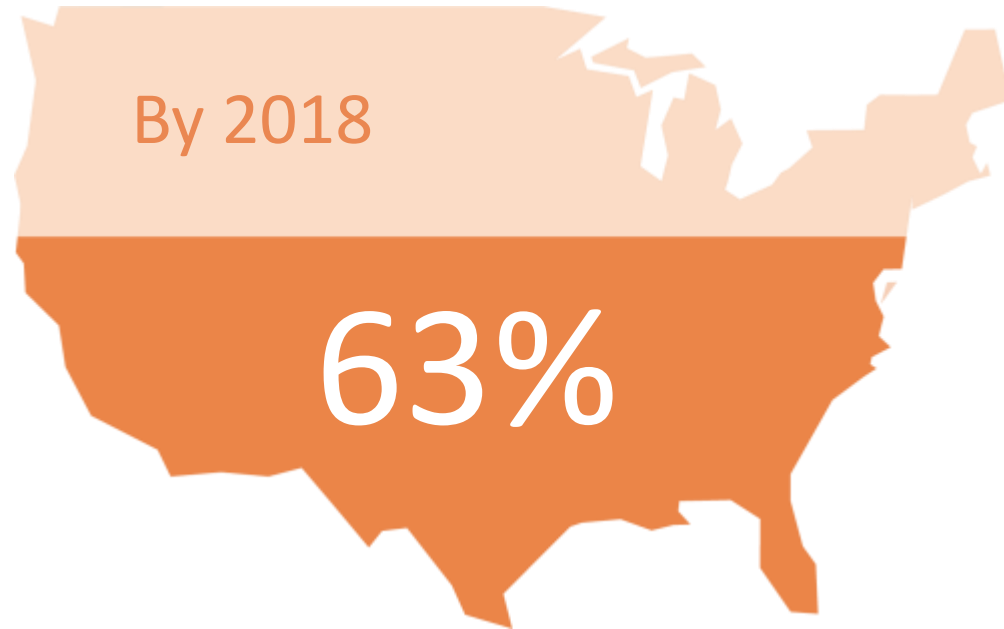
California high school students who do not graduate in four years.



# 609,000

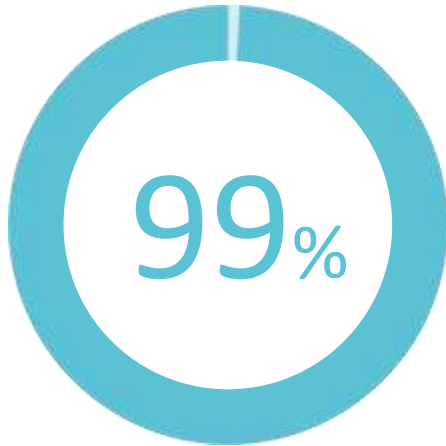
California youth, ages 16 to 24, are currently neither in school nor working.

# WHY LINKED LEARNING



of all jobs in the U.S. will require some education beyond high school

# WHY LINKED LEARNING



Of jobs created in post-great recession U.S. have gone to workers with some postsecondary education.

# INCLUSIVE OF MANY MODELS



NAF Academies

Career Academies

CA Partnership Academies

Career Pathways

Small Schools

Charter Schools

P-TECH

Ford NGL

**New Media Academy**

# Making the Linked Learning Ecosystem Work



# LINKED LEARNING ECOSYSTEM OVERVIEW

- ***Making A Linked Learning Ecosystem Work*** is intended to provide postsecondary stakeholders with steps to building natural partnerships to get the linked learning approached introduced into their career pathways.

# LINKED LEARNING ECOSYSTEM OVERVIEW

- During the session, information will be provided on:
  - How to overcome the challenges of implementing the Linked Learning tenets, and
  - How to take advantage of the opportunities and benefits of the Linked Learning approach.
- In closing, the session facilitators will provide some practical tools to use to begin the development and implementation of a new Linked Learning partnership.



- An ecosystem is a partnership formed by a community of partners with natural roles.
- The ecosystem begins with opportunity to leverage natural partnerships and roles and access to its resources.
- The success of the Linked Learning Ecosystem depends on the relationships of its natural partners and resources.

# Steps 2 Building The Ecosystem

# LINKED LEARNING FRAMEWORK

## Rigorous Academics

Rigorous academics that prepare students to take credit-bearing college-level courses and be university admissible, maximize articulation between high school and post-secondary programs of study, and facilitate and accelerate completion of post-secondary credentials, certificates, and degrees.

## Career Technical Training

Technical training that is embedded through a sequence of classes and integrated with academic content standards, aligned with career opportunities in a variety of high-need, high-skill occupations, including opportunities for stackable certificates, credentials, or degrees, where relevant.

Linked Learning pathways prepare students for college, career, and life by integrating four core components:

Work-based learning sequences that reach from career awareness and exploration into post-secondary training and education, providing opportunities to apply core academic content and technical training, while developing the skills, competencies and dispositions that are critical to workplace success.

Comprehensive support services that are embedded as central components of a program of study, address unique needs of individual students, and include academic and socio-emotional supports, to ensure equity of access, opportunity, and success..

## Work-based Learning

## Comprehensive Support Services

# STEP 1 BUILDING THE ECOSYSTEM

## **Rigorous Academics: Opportunities and Access**

- Build upon existing structures to provide students access and the opportunities to accelerate the process to college-level coursework and completion
- Dual Enrollment Articulation through AB288 Legislation
- Course Sequencing
- Credit by Exam

# STEP 2 BUILDING THE ECOSYSTEM

## **Career Technical Education**

- Career Pathway Alignment between Secondary & Postsecondary Partners
- Accelerated Stackable Certificates
- Accelerated Certificates of Achievement
- Accelerated Associate Degrees

# STEPS 3 BUILDING THE ECOSYSTEM

## **Work-Based Learning: Opportunities and Access**

- Cooperative Education Work Experience
- Employer Intermediaries
- Project-Based Learning w/Faculty
- Work-Based Learning w/Employers
- Employers, Industry, Community, and Municipalities



# STEPS 2 BUILDING THE ECOSYSTEM

## **Comprehensive Support Services: Opportunities and Access**

- Early College: Summer Bridge / First Year Experience
- Outreach and Career Exploration
- Orientation, Assessment, and Educational Planning (SSSP)
- Learning Skills Center / Faculty Mentoring / Tutoring
- E. O. P. S. /Equity Program

# Overcoming Challenges to Implementation

# OVERCOMING IMPLEMENTATION CHALLENGES

- **Linked Learning Champions who Remove Barriers**
  - President
  - Chief Instructional Officer
  - Dean of Academic Affairs
  - Dean of Career Technical Education
  - Dean of Scheduling (Classes and Classrooms)
  - Academic & Career Counselor
  - Academic & Career Technical Education Faculty
  - Articulation Staff
  - Cooperative Education Work Experience Faculty

# Benefits of Linked Learning Approach

# THE LINKED LEARNING ADVANTAGE

Linked Learning students demonstrated increased academic success in high school.



+5.3

More likely to graduate high school\*

+8.9

More credits earned by the end of high school



+0.9

More college preparatory semester courses

+5.3

More likely to be classified as ready or conditionally ready for college in English Language Arts\*

\*in percentage points

# ACHIEVING EQUITY

+15.2

More credits

African American students in Linked Learning certified pathways **earn more credits** than in traditional schools

+12.4

Percentage points

Among African American students enrolled in a postsecondary institution, those who graduated from a certified Linked Learning pathway were **more likely to attend a four-year college** than similar peers

# ACHIEVING EQUITY

+11.7

More credits

Latino students in certified pathways were **less likely to drop out** and **more likely to accumulate credits** than peers in traditional schools

+11.7

More credits

English learners in certified Linked Learning pathways **earn more credits** than peers in traditional schools

+1

College prep req

English learners in certified pathways **complete one more college prep requirement** than peers in traditional schools

# LINKED LEARNING ANALYTICS

The tool tells a comprehensive story about students' college and career readiness.



MEASURE SUCCESS



REFLECT & IMPROVE



VALIDATE SUCCESS



# LINKED LEARNING CERTIFICATION

A data-driven approach to identifying and assessing high quality pathways.



# HOW TO GET INVOLVED

- Subscribe to the Linked Learning Alliance newsletter
- Attend the Linked Learning Convention
- Follow [@Linked\\_Learning](#) and engage with [#LinkedLearning](#) on Twitter
- Share Linked Learning stories and videos with your network
- Build knowledge about Linked Learning within your organization
- Connect with a school in your district that has certified pathways
- Offer job shadows and internships

# Practical Tools for Implementing Linked Pathway

# STEP 1 FOR IMPLEMENTATION

## Form a Design Team

A volunteer leadership group of teachers, students, parents, industry and community partners, and other participants who share an interest in a particular career field and who will share responsibility for envisioning and planning the pathway.

## Determine Pathway Theme

That is broad enough to appeal to and engage any student, includes a direct connection for business partners, and provides a context within which teachers can design lessons and projects while still covering state standards and curriculum.

## Vision, Planning, and Pathway Design

## Establish Pathway Vision & Mission

Based on the Design Team's development of a shared understanding of pathway quality through research and site visits.

## Develop Pathway-Level College & Career Ready Student Learning

That will empower students to reach their goals after high school; facilitate teacher collaboration and quality assessment; and create a learning environment of high achievement and personalized connection with every student. Ideally the outcomes are based on or aligned with a graduate profile created at the school district and community levels

Based on the Design Team's development of a shared understanding of pathway quality through research and site visits.

## Form Business & Community Advisory

# STEP 2 FOR IMPLEMENTATION

## Design Program of Study

Perhaps the most critical part of the pathway planning process and an effort that reflects and emanates from the pathway vision, mission, and student learning outcomes.

## Student Recruitment & Selection

A process that ideally is formalized and part of regular articulation between middle and high school.

## Structure and Schedules

## Staffing

That support student needs and encourage the creation of professional learning communities or Communities of Practice.

## Create Master Schedule

A process that is directly informed by the Program of Study, is based on cohort scheduling for students, and provides common planning time for pathway teachers.

# STEP 3 FOR IMPLEMENTATION

## Build Collaborative & Results-Oriented Culture

In which every team member shares leadership and is committed to preparing all pathway students for college and career and to improving their individual and collective practice as educators.

## Develop Curriculum Sequence & Courses

Include single- and multi-disciplinary integrated projects.

Community  
of Practice,  
Performance-  
Based  
Assessments,  
and  
Curriculum

## Map SLOs to Program of Study

In alignment with district graduation requirements and state standards.

## Create Benchmarks & Assessments Base on Outcomes

In part by working together to develop benchmarks and adopt common rubrics to judge the quality of student work.

# STEP 4 FOR IMPLEMENTATION

## Align Daily Classroom Instruction w/Pathway Experience

Use project-based learning and other instructional methodologies that promote inquiry, are student-centered, and align with the desired learning outcomes.

## Look Regularly at Student Work

And other forms of data to inform instruction.

## Engaged Learning & Teaching

## Develop & Strengthen Instruction and Assessment

Practices that engage and motivate all students.

## Functioning as a Community of Practice; Agree to High Expectations

For students' work and behavior, fostering strong relationships in support of those goals

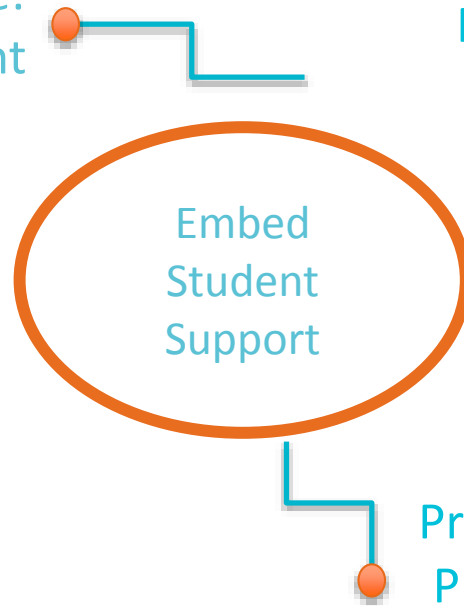
## Engage Students Through the Integration of WBL

That encompasses a continuum of experiences and reconnects to what students are doing in school.

# STEP 5 FOR IMPLEMENTATION

Create an Atmosphere:  
Support & Engagement  
Occur Naturally

As an outgrowth of the school's structure, curriculum, strong relationships, and staff commitment.



Plan to Provide Academic Interventions

That are incorporated into daily practice.

Provide Counseling and Guidance,  
Plus Career and College Planning

Through a designated counselor if possible or through support of the pathway teachers if necessary.



# STEP 6 FOR IMPLEMENTATION

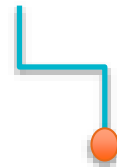
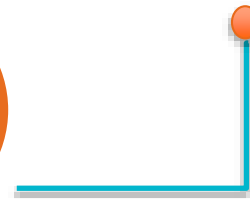
Establish Indicators to Facilitate Data-Driven Decisions



Have a plan for regularly collecting and analyzing these data.



Make Ongoing Review and Reflection Part of Practice



Conduct Periodic Reviews to Plan for Improvement

Include formal reviews based on the Linked Learning pathway quality review process and resulting in an Action Plan for improvement of the pathway

# Hollywood High School Linked Learning New Media Academy Partnership

# HOLLYWOOD HIGH SCHOOL





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# Thank you!

[Linkedlearning.org](https://linkedlearning.org)