



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

Preparing Pre-service & Practicing Teachers to Integrate Linked Learning Approaches



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#LinkedLearning | #LLCON2018

OBJECTIVES OF THE SESSION

- Participants will be able to engage with and implement assignments integrating Linked Learning approaches in teacher education
- Participants will be able to justify the importance of introducing Linked Learning approaches to all teachers in teacher education programs
- Participants will be able to infuse integrated and cross-curricular approaches to their teacher education practice, even if not working with current pathway teachers

WHY LINKED LEARNING IN TEACHER EDUCATION?

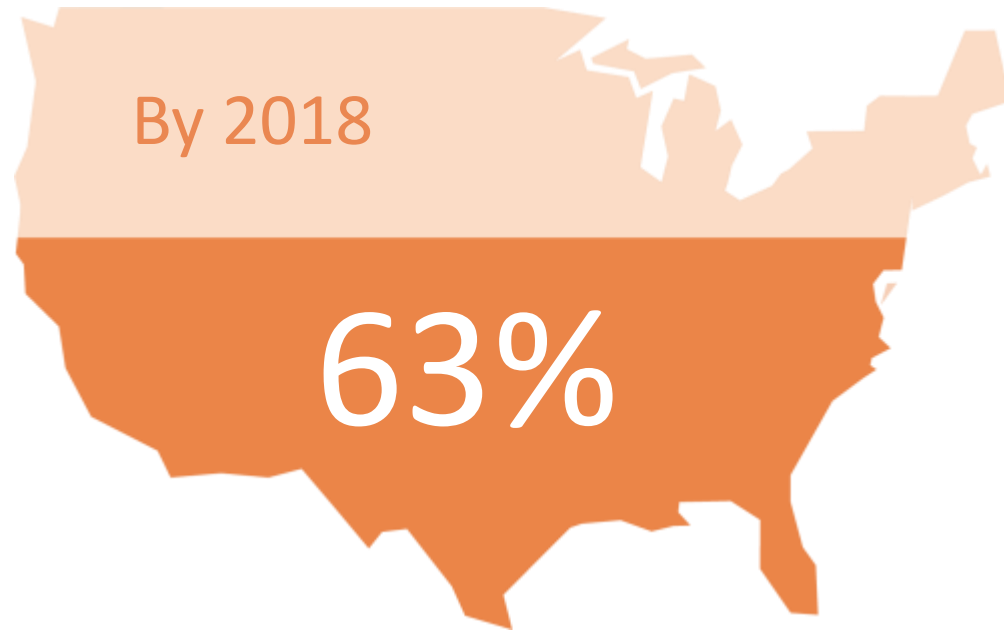
WHY LINKED LEARNING

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.



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

THE FOUR COMPONENTS

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



+



+



+



Rigorous
Academics

Career
Technical
Training

Work-
based
Learning

Comprehensive
Support
Services

STUDENTS GAIN CAREER AND LIFE SKILLS

Percentage point differences between Linked Learning students and comparison students.



COLLABORATION

- +20 Achieve a shared goal
- +21 Working with people
- +22 Present to a group



PROFESSIONALISM

- +20 Expectations for behavior
- +22 Create a resume
- +12 Responsible or work quality



MINDSET

- +8 Set goals for school success
- +16 Can learn hard content
- +10 Can reach goals

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



More Linked Learning students reported high school as influential on their postsecondary studies.

+11

Took high school courses that sparked interest*

+11

Encouraged by counselor or other adult in high school*

+14

Spent time working in the field*

*in percentage points



BUT TO ACHIEVE THESE SUCCESSES,
STUDENTS MUST HAVE TEACHERS
PREPARED TO TEACH THEM USING
LINKED LEARNING APPROACHES

Teachers need to experience collaborative work environments with colleagues

Teachers need opportunities to consider real-world applications for their content

Teachers need to be given opportunities to lead and innovate, even in their credential programs

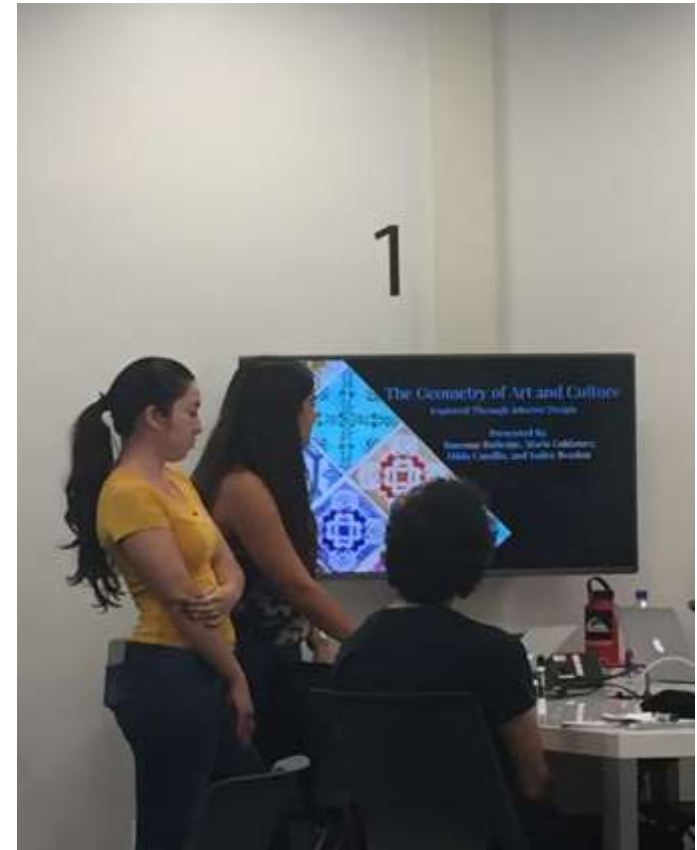
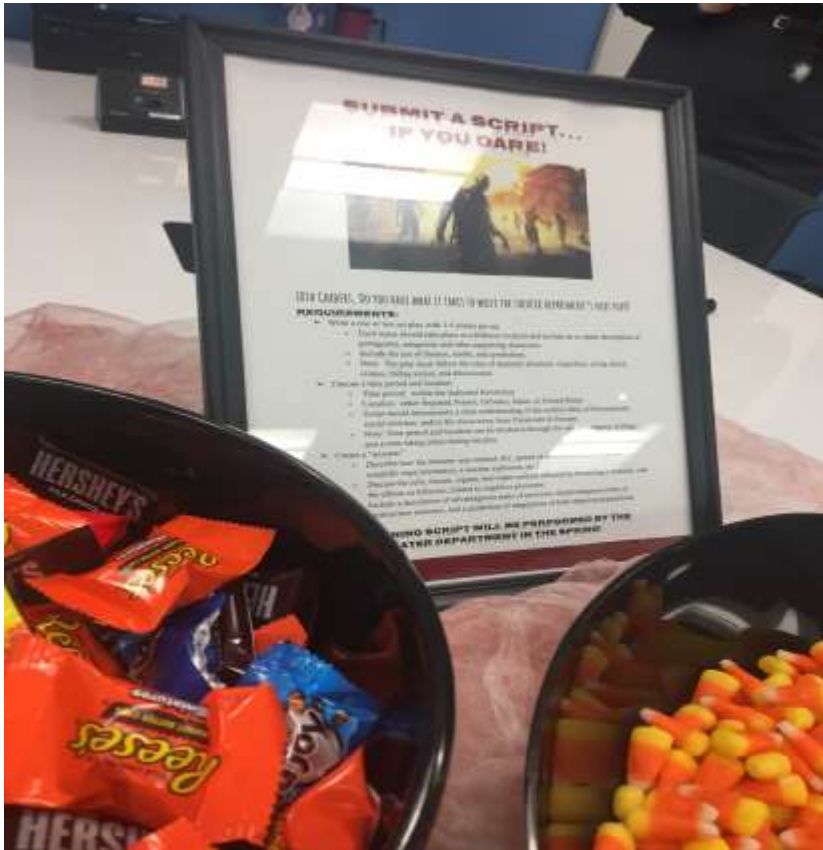
INTEGRATING LINKED LEARNING INTO PRESERVICE TEACHER EDUCATION

LL PROJECT GALLERY WALK

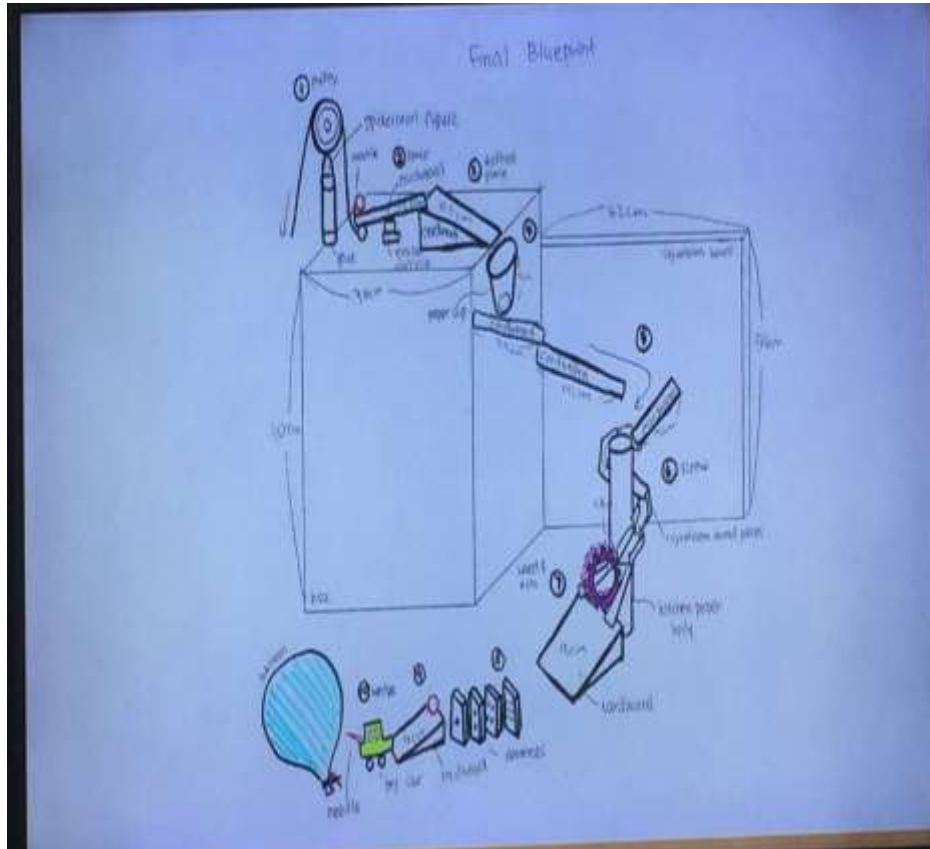
Please find a partner and explore the gallery of teacher (candidate) projects. As you look at the projects, consider the following questions:

- How much instruction do you think students had in the Linked Learning approach?
- How much time did they have to create the project you see? How much support?
- How (well) is the Linked Learning approach reflected in these projects?
- What questions do you have about the projects?

LINKED LEARNING ALIGNED ASSESSMENTS



CROSS-CURRICULAR, LITERACY BASED, PBL ASSESSMENTS



EVOLUTION OF LL PBL ASSESSMENT PROJECT

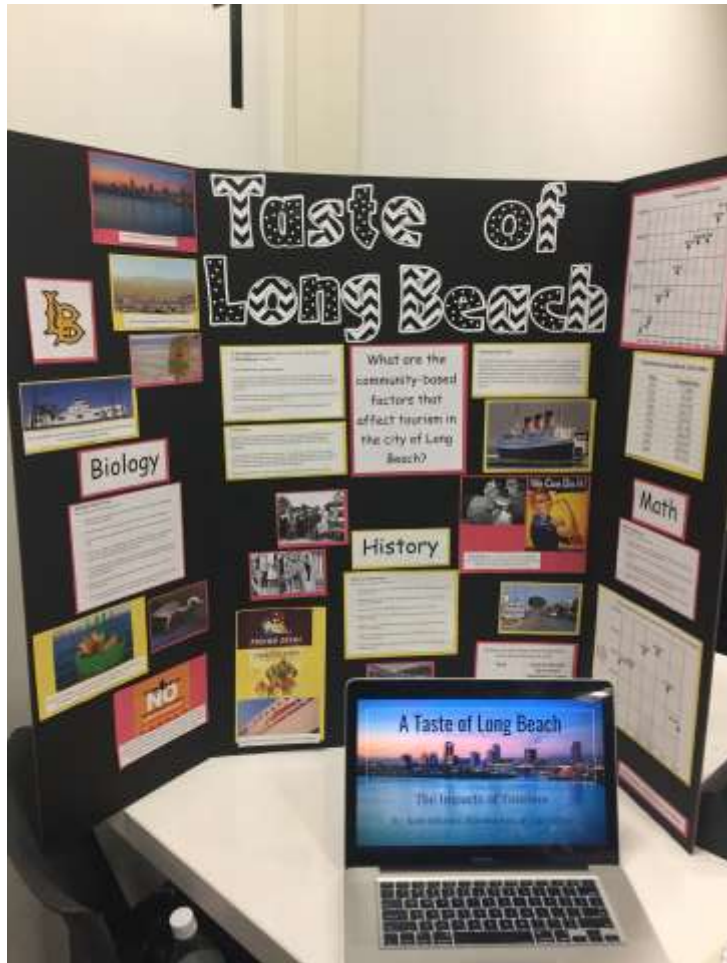
- Iteration 1: Standards-aligned cross-curricular “literacy event” (not really LL, but LL-informed)
- Iteration 2: CTE pathway-aligned cross-curricular literacy event (more LL aligned)
- Iteration 3: CTE pathway-aligned cross-curricular literacy event + lesson plan + presentation (to current LL Masters cohort & former credential students) addressing how assessment addresses content standards and helps students develop skills necessary for a profession in the CTE pathway

EVOLUTION OF LL PBL ASSESSMENT PROJECT

- Iteration 4: CTE-Pathway Aligned, PBL designed assessment incorporating content standards, Common Core literacy standards & skills + lesson plan + presentation addressing how assessment addresses content standards and helps students develop skills necessary for a profession in the CTE pathway



LINKED LEARNING ALIGNED UNITS



WHAT I'VE LEARNED FROM LL ALIGNED UNITS

- Start with a pathway & a career in mind
- It's hard to design a unit without thinking of the common assessment at the end (i.e. Backwards planning really works!)
- I am more of a thinking partner and coach for cross-curricular teams. We come up with some initial ideas together then they take off with their content knowledge
- Teacher candidates (for the most part) leave the project excited for collaboration opportunities

LINKED LEARNING MASTERS LEVEL UNITS



DIVERSE STUDENT NEEDS

- Curriculum & Instruction Masters, with Linked Learning Emphasis, Cohort I:
 - Majority are not in LL pathway sites (or sites that use pathway model)
 - Multiple districts, content areas (inc. CTE), varying years of experience represented

Given this diversity, how do we create a Linked Learning aligned approach to this program?

TEACHING LL AS AN APPROACH

- Using the 4 Linked Learning Components as focal points of program instruction
- Integrating additional relevant frameworks & ideas (e.g. P21 Framework, SAMR & TPACK models, Culturally Relevant/ Sustaining Pedagogies, PBL, Student centered learning)
- Creating units that draw from various components of Linked Learning
- Becoming advocates for (leaders in) Linked Learning at their sites & districts

SO HOW DO YOU DO IT?

Tips & Tricks to Simplify LL Integration

TIPS & TRICKS TO SIMPLIFY LL INTEGRATION

- **DON'T REINVENT THE WHEEL...**
 - Templates & samples provided of all of the projects previewed
 - Feel free to e-mail with any questions or for more samples/ updated materials

- **START SIMPLE**
 - Start with a single pathway or a few pathways for students
 - Start with a single assignment with which you're already comfortable

TIPS & TRICKS TO SIMPLIFY LL INTEGRATION

- WORK WITH COLLEAGUES & SHARE IDEAS
 - LL work was not meant to be done alone
 - Follow me on Twitter to see what we're doing with LL now & share your projects too!
 - ConnectEd is a great site for inspiration with authentic projects from secondary schools

- KEEP WITH IT
 - While this work is valuable for teachers & students, it takes time to unlearn traditional methodologies (for all of us). If you deepen your knowledge and buy-in, students will too!



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Thank you!

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