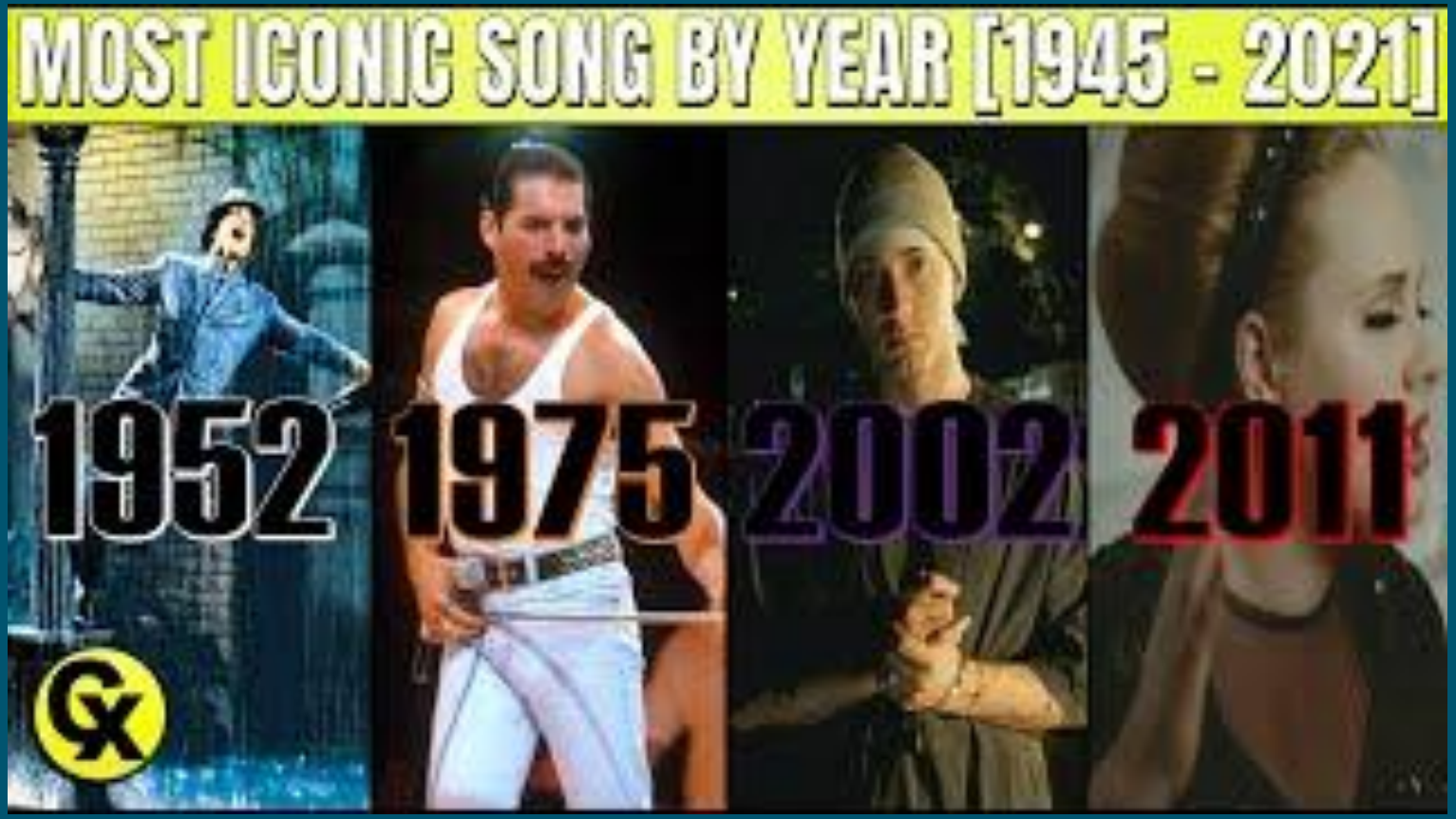
LEARNING AT THE SPEED OF LIFE

centriclearning.net

Project Based Learning at the Speed of Life

centriclearning.net


MOST ICONIC SONG BY YEAR [1945 - 2021]
1952
1975
2002
2011

centric learning
LEARNING AT THE SPEED OF LIFE

Which decade made your feet move the most?

AGENDA

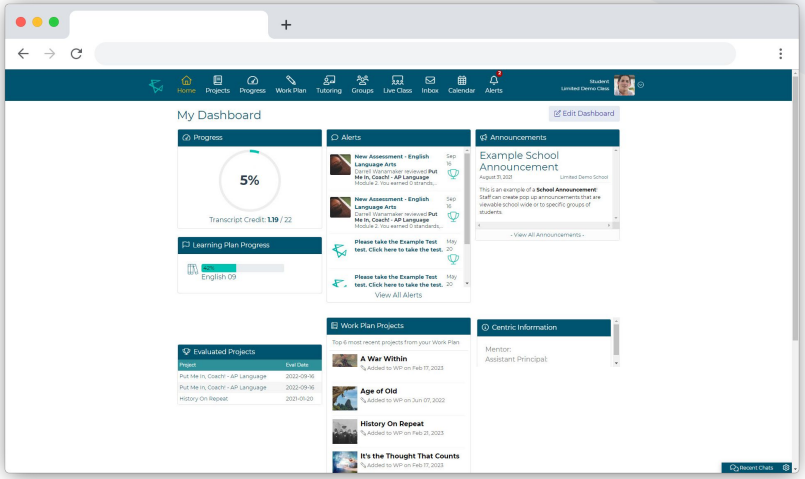
1. Introductions
2. Who is Centric Learning?
3. Why PBL?
4. Why competency-based assessment?
5. How does Centric Learning make PBL and competency-based assessment accessible?

Maidie Baker
Dir. of Curriculum & Instruction
maidie.baker@centriclearning.net

Sarah Kramer
Assistant Dir. of Curriculum & Instruction
sarah.kramer@centriclearning.net

CENTRIC LEARNING

Project-based and competency-based education for K12 Schools.
Solutions for charter, independent, and public schools.



DALLAS INDEPENDENT SCHOOL DISTRICT

Wayne-Westland COMMUNITY SCHOOLS

Livingston EDUCATIONAL SERVICE Agency

NV

MT. PLEASANT OILERS

BENTON HARBOR TIGERS

centriclearning.net

SOLUTIONS FROM CENTRIC LEARNING

Why PBL?

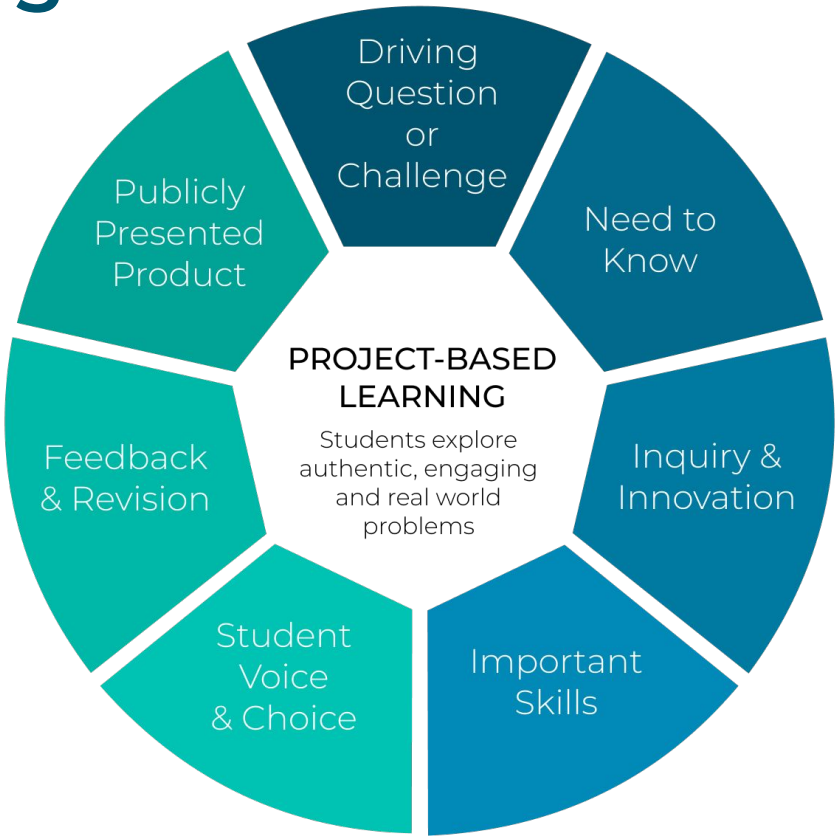
centric learning
LEARNING AT THE SPEED OF LIFE

Project-Based Learning

"Project-based learning (PBL) is a teaching method in which students learn by actively engaging in real-world and personally meaningful projects."

-*PBL Works*

At Centric, our entire curriculum is taught through project-based learning, and our students are evaluated using competency-based assessment rubrics. It's not just the "fun project" at the end of a course - it's the whole course.



centric learning
LEARNING AT THE SPEED OF LIFE

Project-Based Learning

centric learning
LEARNING AT THE SPEED OF LIFE

Why PBL?

When we started Centric, we thought about what skills our students would need when graduating high school.

This led us towards choosing **project-based learning** as our teaching methodology.

Which of these 21st century skills did you see evidence of in the video we watched?

centric learning
LEARNING AT THE SPEED OF LIFE

PBL Activity

Our projects take the Florida B.E.S.T. standards and connect them to real-world problems.

In your partnership/group, connect the state/national standards to one of the project ideas. Be ready to share out a project that would work well with your learners.

centric learning
LEARNING AT THE SPEED OF LIFE

PBL Activity

Driving Question: Which of the projects might be a good fit for your learners and why?

I Can Statement (Standard)	Project Idea

centric learning
LEARNING AT THE SPEED OF LIFE

Students At Risk, Learning Theory & PBL

Learning Theory	Project-Based Learning
Personalized learning - voice and choice	Projects are tightly aligned to the state standards and but offer a completely personalized learning experience with multiple paths to master learning objectives.
Value prior experience	Projects integrate students' prior knowledge to the activities and assessments.
Focus on application	Projects are focused on real-world problems that are relevant.
Connected learning	Projects are cross-curricular and nothing is learned in isolation - just like in the real-world.

centric learning
LEARNING AT THE SPEED OF LIFE

Example Projects

Elephant Toothpaste

How can I design a kids' science experiment while also learning about reaction rates?

catalyst | chemical reaction | science demo

Math Gone Viral

Why are words important in math?

Algebra | arithmetic | Distributive Property | expressions

Why competency-based assessment?

centric learning
LEARNING AT THE SPEED OF LIFE

“Competency-based grading or assessment is a way of awarding students for their learning, knowledge gained, and improved proficiency by providing them specific feedback about student performance that can lead to a clearer understanding of progress and skills gained over time.”

-David Garrick, TeachThought

centric learning
LEARNING AT THE SPEED OF LIFE

Competency Based Grading Activity

Our program uses competency based assessment.

At your table, **make a T-chart** to connect the statements to either competency based assessment or traditional grading systems.

centric learning
LEARNING AT THE SPEED OF LIFE

Competency-Based Grading Activity

Driving Question: How might the differences in these models impact the educational outcomes for your learners?

Competency-Based	Traditional

centric learning
LEARNING AT THE SPEED OF LIFE

Competency-Based Assessment

- **Is** based on student mastery of specific knowledge and skills
- **Is** designed to meet students where they are
- **Is** individualized to provide customized feedback
- **Is** designed to help students make progress in a course
- **Is** what we use at Centric!

- **Is not** traditional A, B, C... or % correct
- **Is not** standardized tests, homework, time bounds, or failures
- **Is not** effort or participation grades
- **Is not** affected by late work or penalized for revisions
- **Is not** a method that allows for gaps in learning
- **Is not** final exams that determine your entire course grade

centric learning
LEARNING AT THE SPEED OF LIFE

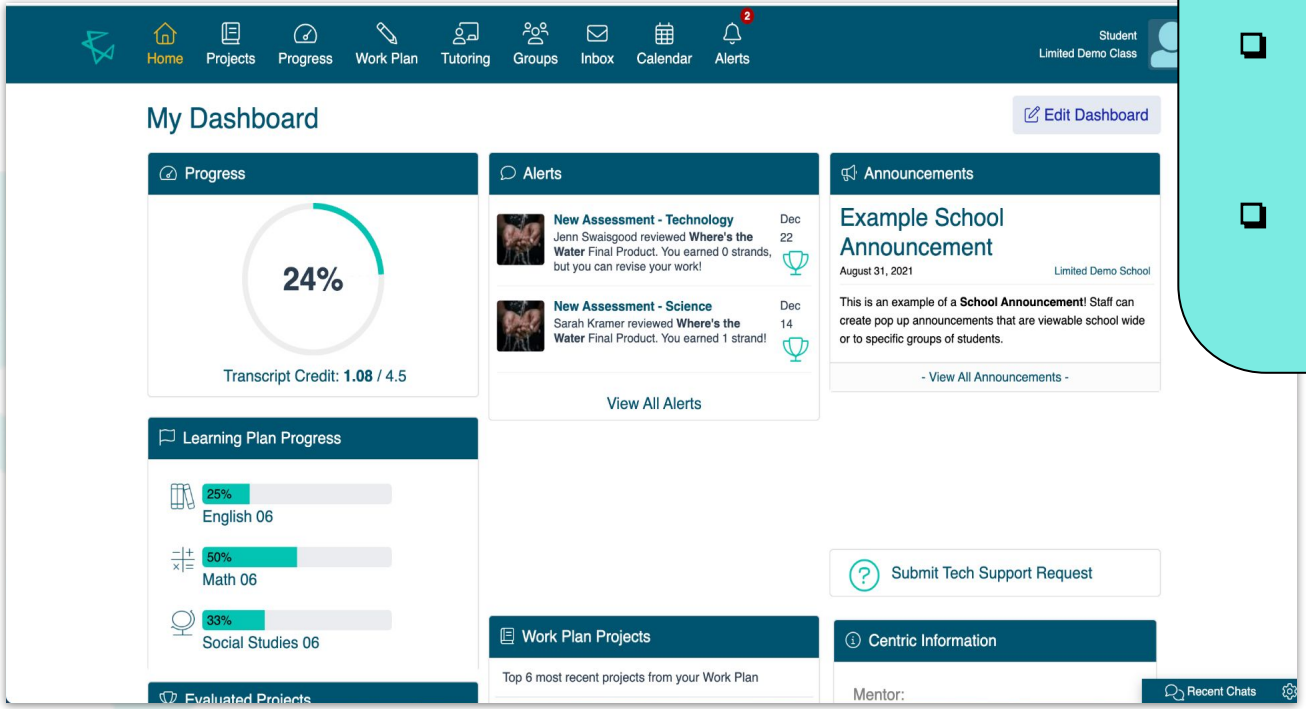
Students at risk, Learning Theory & CBA

Learning Theory	Competency-based Assessment
Minimize risk, foster resilience	CBL is based on skill mastery, not time. Students aren't forced to move forward without mastering foundational skills and knowledge required to be successful with the next learning objectives. This can significantly reduce learning gaps.
Hope theory	Students never fail. Learning is always POSSIBLE.
Incremental Growth	Students earn credit for every skill and concept for which they demonstrate proficiency. Credit is only added, never taken away.
Application-focused assessments	Students demonstrate their mastery when they are ready and not by bubbling in answers.

How does Centric Learning make PBL and competency-based assessment accessible?

centric learning
LEARNING AT THE SPEED OF LIFE

The Centric Learning Platform

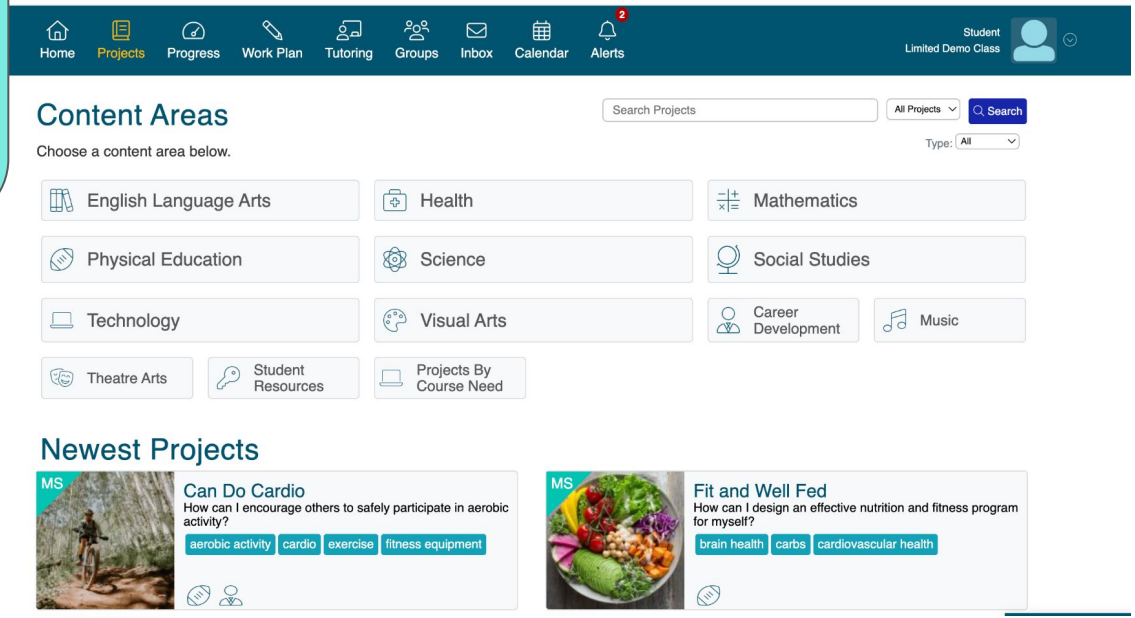


- ❑ **Student-centered LMS**
- ❑ **Forward-focused, Real-time Progress Monitoring**
- ❑ **Full Range of Accessibility tools**

centric learning
LEARNING AT THE SPEED OF LIFE

Our Curriculum and Assessment Model

- Full 3-12 curriculum
- Built-in Resources for In-person Experiences
- Rubrics Aligned with National & State Standards



Our Expertise

centric learning
LEARNING AT THE SPEED OF LIFE

- ❑ **Live virtual class model with certified teachers**
- ❑ **International dual-diploma program**
- ❑ **Tutoring services including high-dosage model**
- ❑ **Mentoring services**

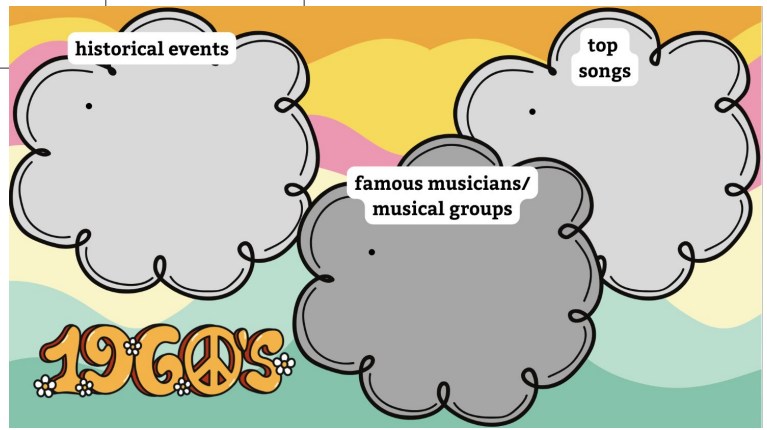
How does music tell the story of an era?

Music Through the Decades

Exploring the stories of American music from 1960-2000

Instructions: Add to the column(s) as instructed by your teacher. Put your name beside your text. Do not delete or edit anyone else's text.

What I Know	What I Want to Know	What I Learned
Ex. I know that The Beatles were popular in the 1960s. -Mrs. Kramer	Ex. I wonder what type of music was popular in the nineties. -Mrs. Kramer	Ex. I learned that Elvis wasn't the first to sing "Blue Suede Shoes." -Mrs. Kramer



Live Demo

Questions?