OAISD
Superintendent's Meeting

December 16, 2016

Public Schools
FRASER
INNOVATE • LEARN • LEAD

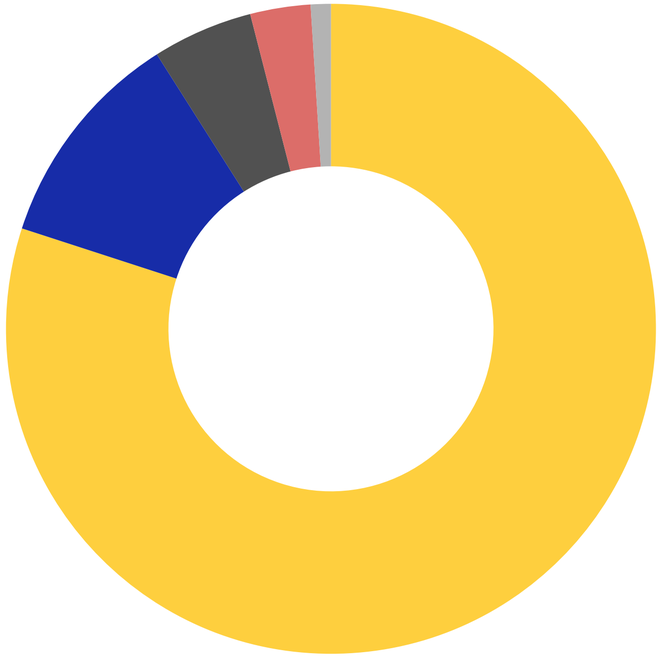
FRASER TODAY

[9] SCHOOLS IN THE DISTRICT

[5,261] STUDENTS

[1,803] SCHOOL OF CHOICE STUDENTS (34% OF POPULATION)

[39%] STUDENTS RECEIVING FREE/ REDUCED LUNCH

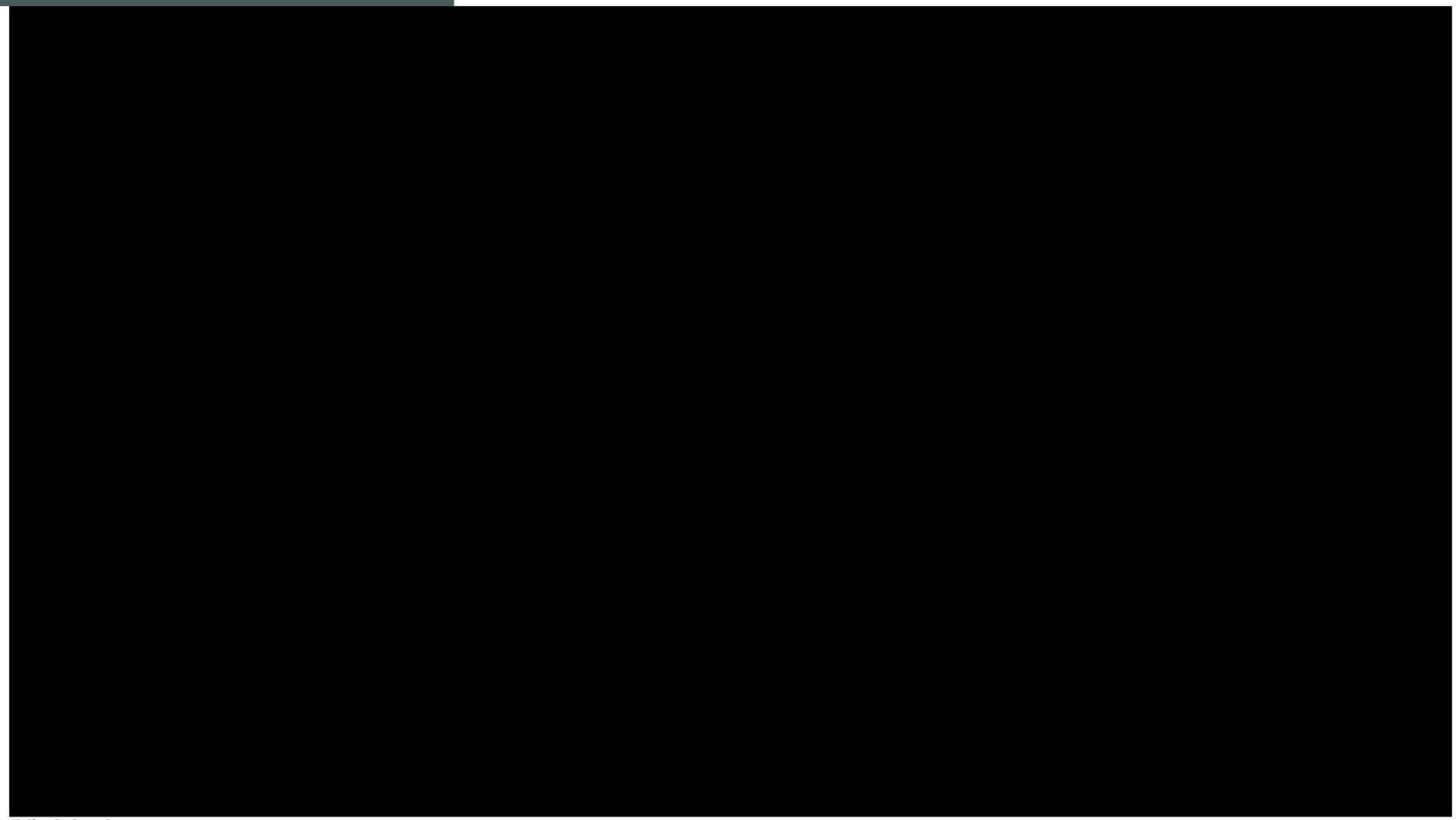


CAUCASIAN (78%)
AFRICAN AMERICAN (12%)
MULTI-RACIAL (5%)
HISPANIC (3%)
ASIAN (2%)

Fraser Resources

- www.frasercbl.weebly.com

When Passion Meets Innovation…



Public Schools
FRASER
INNOVATE • LEARN • LEAD

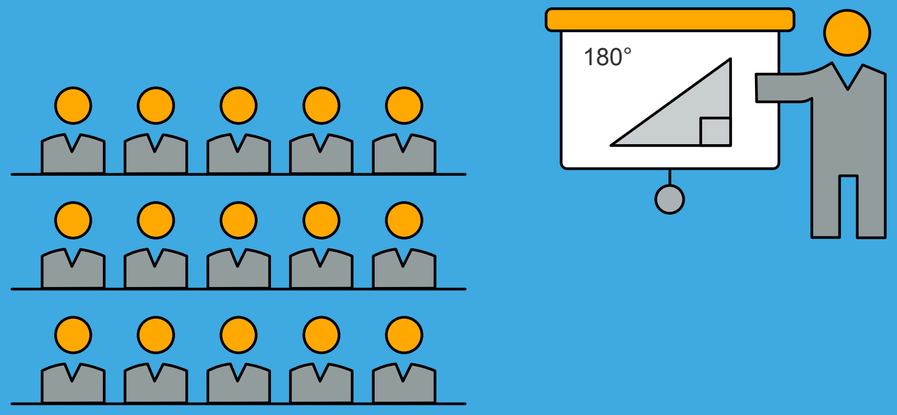
Top 10 in 10: Goal #2

Implement, with strong district and building leadership, high-quality instruction in every classroom through a highly coherent, child-centered instructional model where students meet their self-determined academic and personal goals to their highest potential.

Transitioning from Traditional to Modern Learning Environments

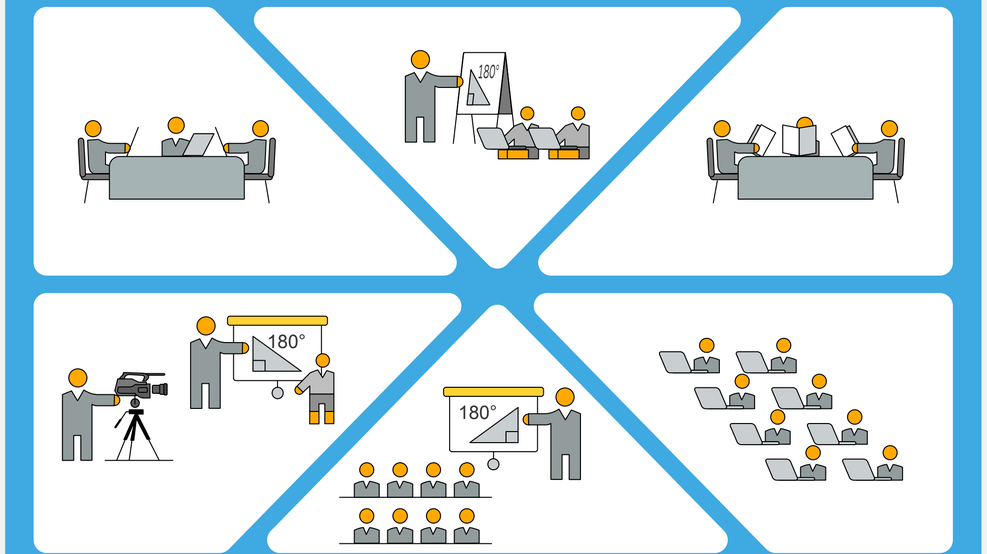
Cemetery Seating

Traditional Classroom
Industrial Age



Blended/Flexible Environments

Modern Learning
Conceptual Age



It isn’t that our schools are broken.

It’s that our schools need to be redesigned to meet the needs of today’s learner.

Public Schools
FRASER
INNOVATE • LEARN • LEAD

New Models of Learning

- **Pace:** Learning is no longer restricted to the pace of an entire classroom of students.
- **Path:** Learning is no longer restricted to the pedagogy used by the teacher.
- **Place:** Learning is no longer restricted within the walls of a classroom.
- **Time:** Learning is no longer restricted to the school day or the school year.

National Trends in Learning

summit public schools

- Lindsay Unified Schools, CA
- Eminence Schools, KY
- Sanborn Regional Schools, NH
- Summit Public Schools, CA
- Most Likely to Succeed Movie
- Competency Based Learning – Focus on demonstrating mastery

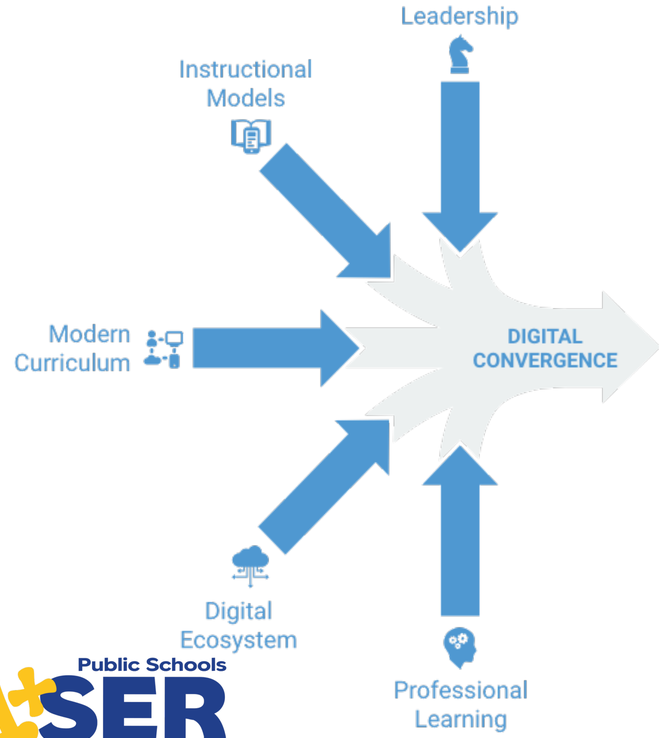
Public Schools
FRASER
INNOVATE • LEARN • LEAD

LINDSAY UNIFIED
SCHOOL DISTRICT

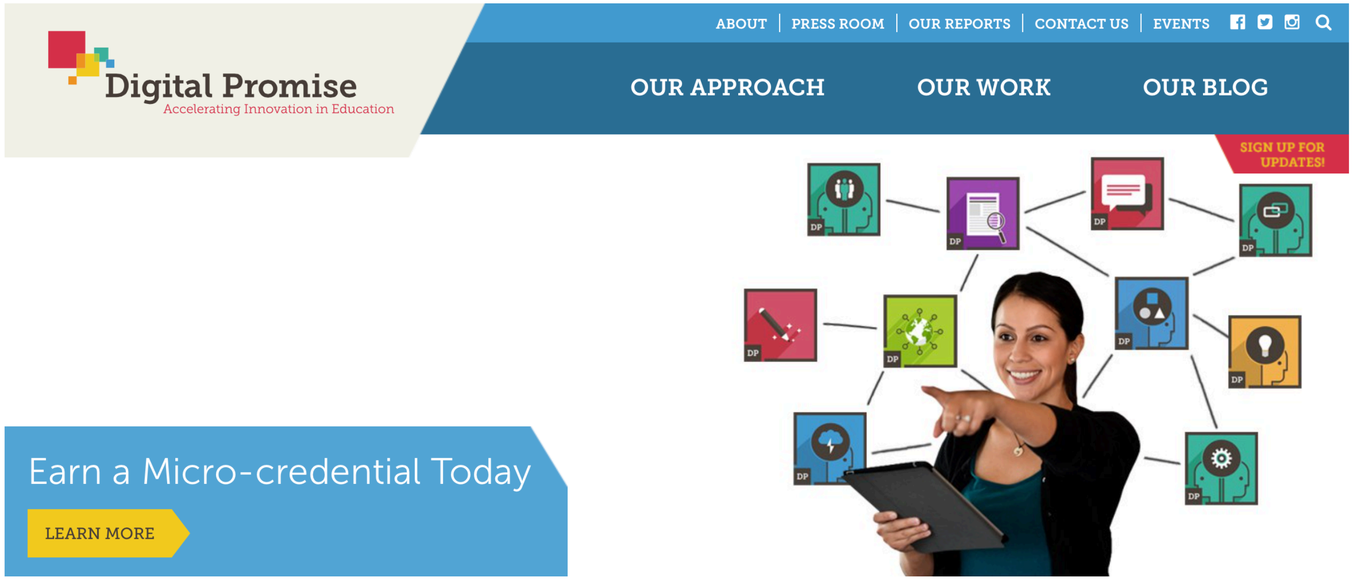
SANBORN REGIONAL
SCHOOL DISTRICT
"LEARNING FOR ALL"

National Trends in Learning

- Kettle Moraine School District, WI
- Digital Promise
- National Council on Digital Convergence



KETTLE MORAINE SCHOOL DISTRICT



Public Schools
FRASER
INNOVATE • LEARN • LEAD

FRASER DIGITAL CONVERSION

July 1, 2005
Became FHS Principal. No staff computers, email, very limited internet access, bond issue passed to begin process of providing access to staff/students

2005

2007
Construction of Fra'Café' – wifi access, install teacher workstations

2007

2010
Became Superintendent, Began work on Strategic Plan for Personalizing Learning, Hybrid courses are started

2011
Passed $19.9 million bond proposal, Curriculum Committee meets to determine instructional needs

2010-2011

Fall 2012
Deploy ~6,000 mobile devices, full wifi access in all buildings

June 2013
Full 1:1 access, Modern Teacher PD

2012-2013

June 2014
Adopt new strategic plan, competency based learning, itslearning

2014

Public Schools
FRASER
INNOVATE • LEARN • LEAD

5 Barriers to the Modern Learning Environment

1

Lack of vision for what the modern learning environment looks like.

2

Little to no communication from leadership about the plan to execute against the vision.

3

Single point solutions don’t produce results.

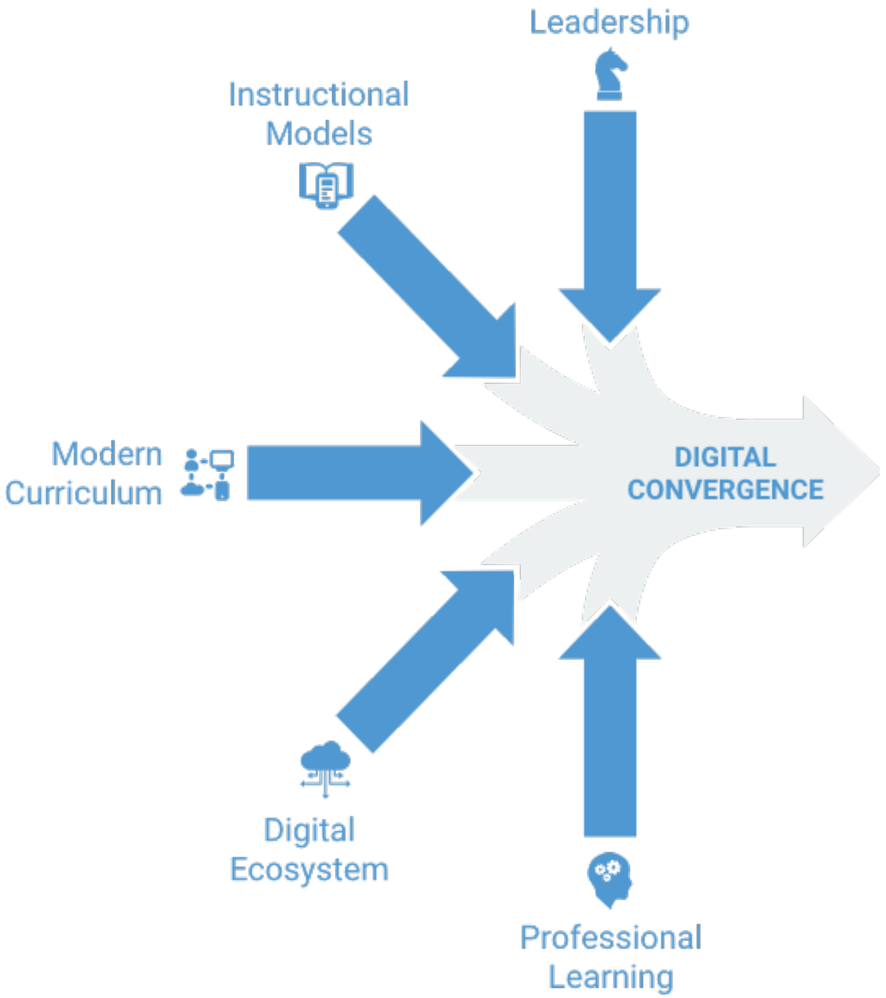
4

Traditional professional learning methods are not effective, do not address the adult learner, and are costly.

5

Ambiguous or non-existent metrics for success.

Defining Convergence



Digital Convergence

Multiple components of the education system unifying to form a greater whole.

Clarifying Personalized Learning

PERSONAL LEARNING

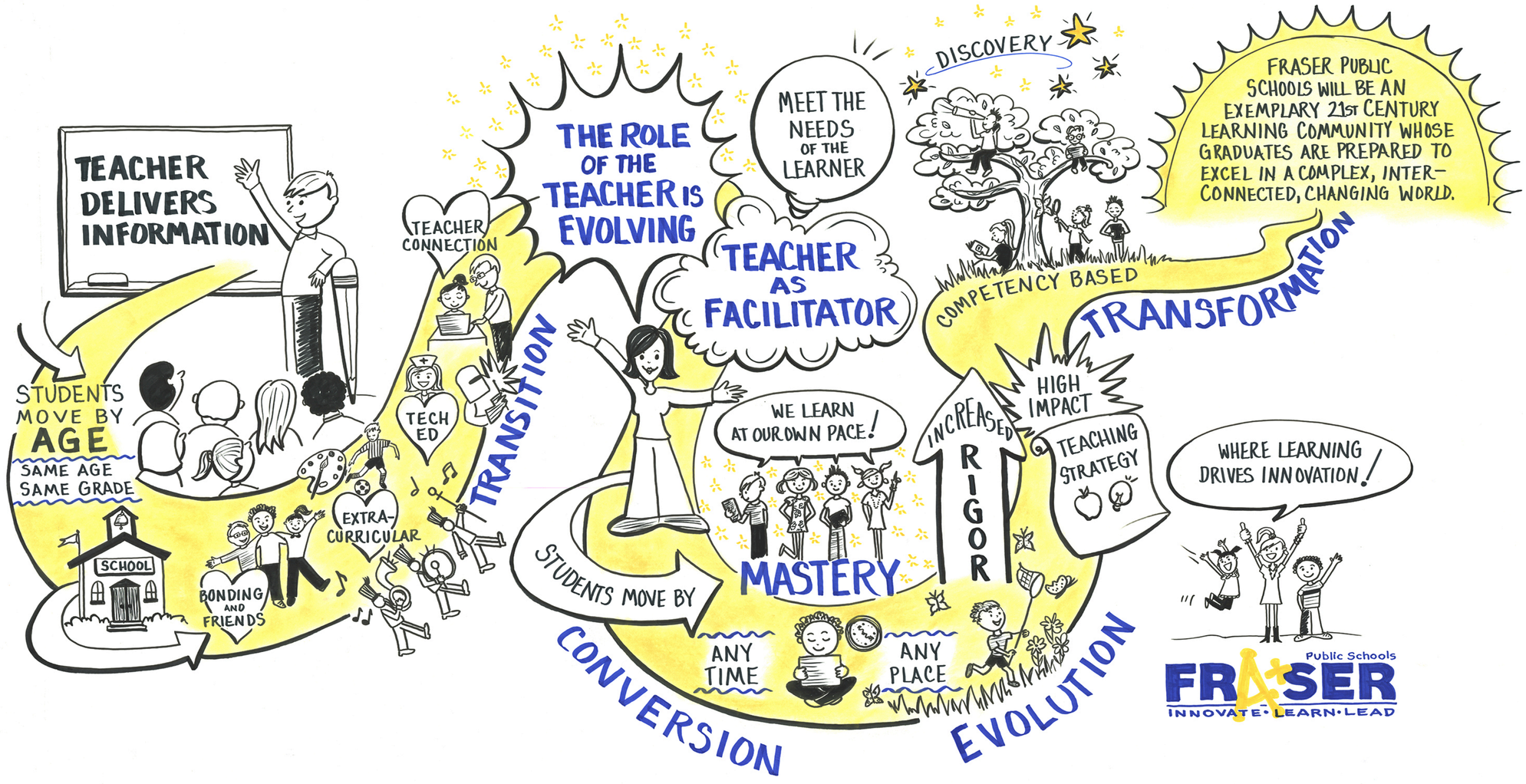
- Student Agency
- Student Voice
- Student Choice
- Multiple Means of Demonstrating Mastery
- “YOU DESIGN FOR YOU”

VS

PERSONALIZED LEARNING

- Designed for the Learner by the Teacher
- “WE DESIGN FOR YOU”

Public Schools
FRASER
INNOVATE • LEARN • LEAD



FRASER
INNOVATE • LEARN • LEAD

Competency Based Learning

- Refers to systems of instruction, assessment, grading, and academic reporting that are based on students demonstrating that they have learned the knowledge and skills they are expected to learn as they progress through their education.

www.competencyworks.org

Public Schools
FRASER
INNOVATE • LEARN • LEAD

Competency Based Learning

- In public schools, competency-based systems use state and national learning standards to determine academic expectations and define "competency" and "proficiency" in a given course, subject area, or grade.
  - Competency with proficiency…

Public Schools
FRASER
INNOVATE • LEARN • LEAD

WHY CBL IN FRASER

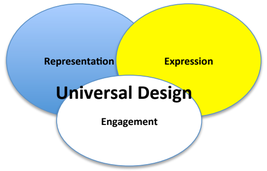
1. Our overarching goal was to personalize learning for every child on a daily basis.

2. Shared belief in the need to create a system which allows students to progress through their learning on an individual path, pace, and place.

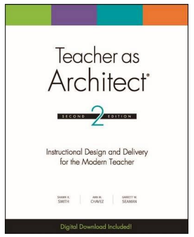
3. Recognized the renaissance in learning would have an impact on the role of the classroom teacher and staff wanted to have a voice in that outcome.

Public Schools
FRASER
INNOVATE • LEARN • LEAD

FRASER CBL CONVERSION



Fall 2012
Universal Design for Learning
- Representation
- Engagement
- Expression



Fall 2013
Standards Based Learning at FHS
Strategic Planning Process Begins
Modern Teacher Training Begins

Fall 2014
Launch of itslearning LMS
CBL Content Development

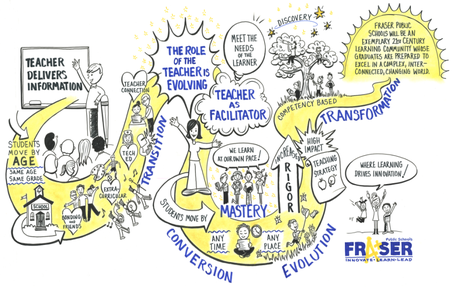
Summer 2015
Content area curriculum leaders began to write and design competency statements in the core areas using National and State Standards

2012 - 2013

Spring 2013
Ad Council discussion on CBL and FPS Mission

2013 - 2014

Spring 2014
LMS Review and Selection
CBL Training with Staff
Strategic Plan Finalized



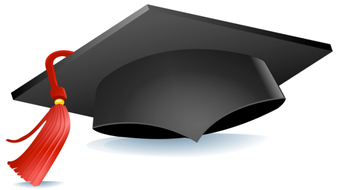
2014 - 2015

Spring 2015
District level focus on building a common language around Competency Based Learning

Summer 2015

Fall 2015 & Beyond

Fall 2015
District level Competency Based Curriculum and Unit Design Work to create a K-12 framework for teaching and learning



Public Schools
FRASER
INNOVATE • LEARN • LEAD

FRASER HIGH SCHOOL

Competency Based Learning

Hybrid Courses

Standards-Based Education
Academic Achievement for ALL Students!

Standards Based Learning

UNDERSTANDING COMPETENCY EDUCATION®
21st Century Skills | Curriculum Content | National and State Assessment Targets | National and State Standards

Flexible Scheduling

Flexible Scheduling

2010	Winter 2012	2014-2016	Phase 2	Phase 3

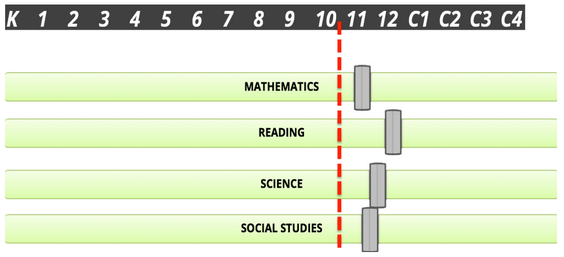
Teacher Driven Conversation around *Transforming the Learning Environment*

FOCUS:
Curriculum, Assessment, and Lesson Design

SCIENCE | SOCIAL STUDIES | MATHEMATICS | LITERATURE

Summer 2015
Content area curriculum leaders began to write and design competency statements in the core areas using National and State Standards

Move on When Ready



Public Schools
FRASER
INNOVATE • LEARN • LEAD

Teacher Voices on Impact of CBL

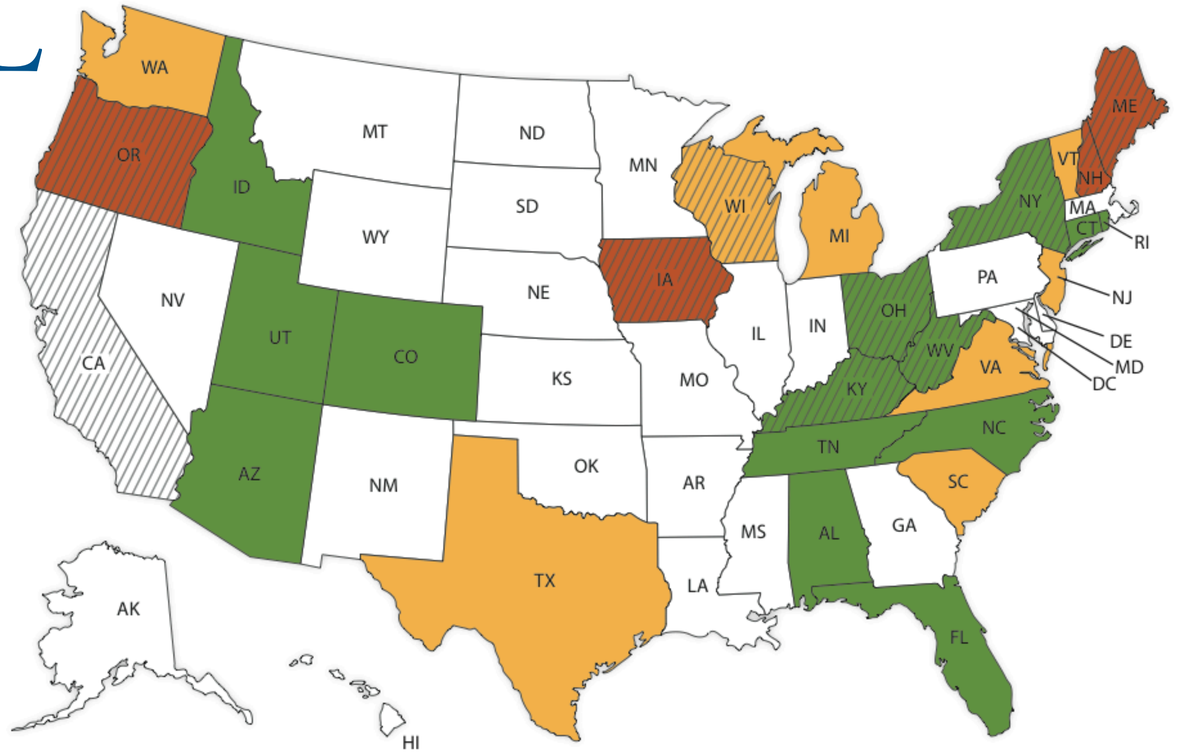
Public Schools
FRASER
INNOVATE • LEARN • LEAD

Increasing Interest in CBE Nationally

- Nationally: 4+% districts are converting
- 3 states are reaching scale with state wide initiatives (NH, ME, VT)
- 20 states have at least one strong demonstration school
- 8 states have or are starting pilots
- 67 colleges have made a pledge to recognize proficiency based transcripts
- 600 colleges/universities have or are creating CBE programs

iNACOL, Webinar 2016

K-12 Competency Education Policy 2012 Advancing Quickly Across the Country



Advanced States
Those states with clear policies that are moving towards proficiency-based; more than just an option.

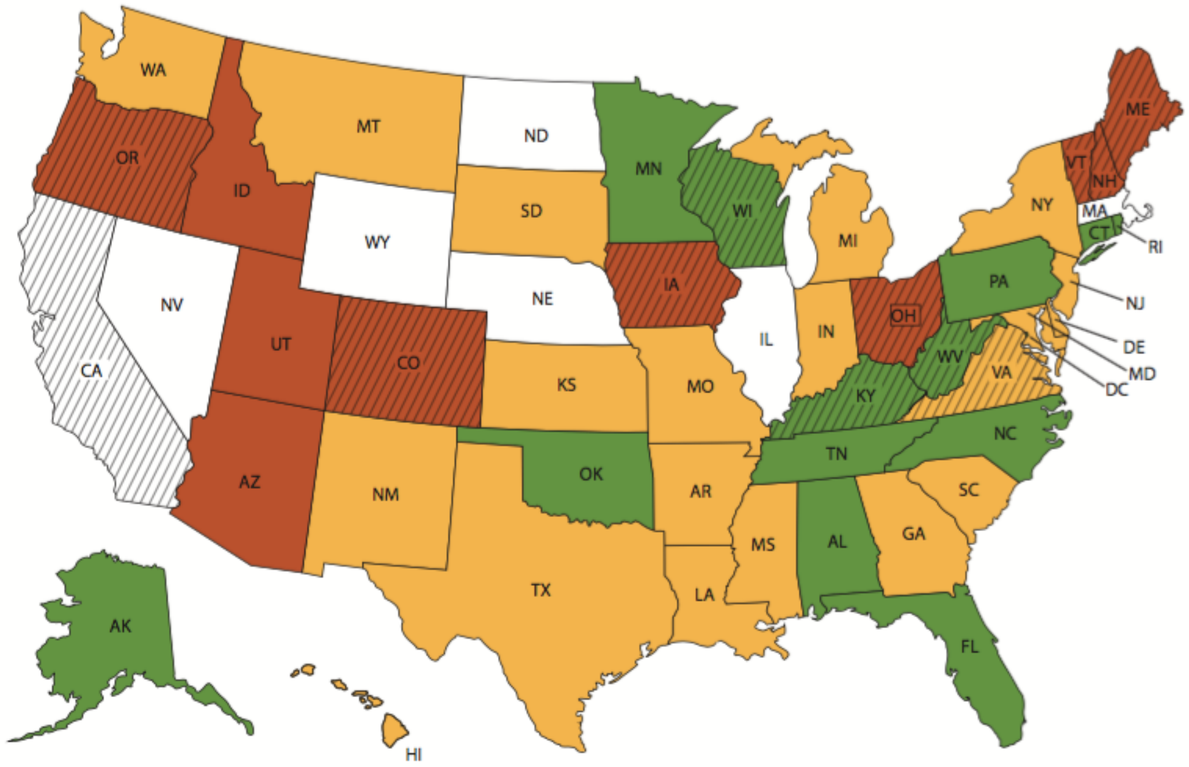
Developing States
Those states with pilots of competency education, credit flexibility policies, or advanced next gen policies for equivalents to seat-time.

Emerging States
Those states with waivers, task forces.

ILN States
Since its inception, the Innovation Lab Network (ILN) engaged schools, districts, and state education agencies working to identify through local efforts new designs for public education that empower each student to thrive as a productive learner, worker, and citizen. The state's responsibility is to establish conditions in which innovation can flourish and to develop capacity to sustain and scale what works through policy. The Council of Chief State School Officers (CCSSO) facilitates this network of states to support programmatic, policy, and structure design work within each participating states and across the network.

No Policies in Competency Education
States with seat-time and no competency education policies.

Competency Education Policy 2016



Advanced States

Those states with comprehensive policy alignment and/or an active state role to build capacity in local school systems for competency education.

Developing States

Those states with open state policy flexibility for local school systems to transition to competency education.

Emerging States

Those states with limited flexibility in state policy—usually requiring authorization from the state—for local school systems to shift to competency education, for exploratory initiatives and task forces, and/or with minimal state activity to build local capacity.

No Policies in Competency Education

States with no state-level activity and enabling policies for competency education. Significant policy barriers may exist, such as inflexible seat-time restrictions.

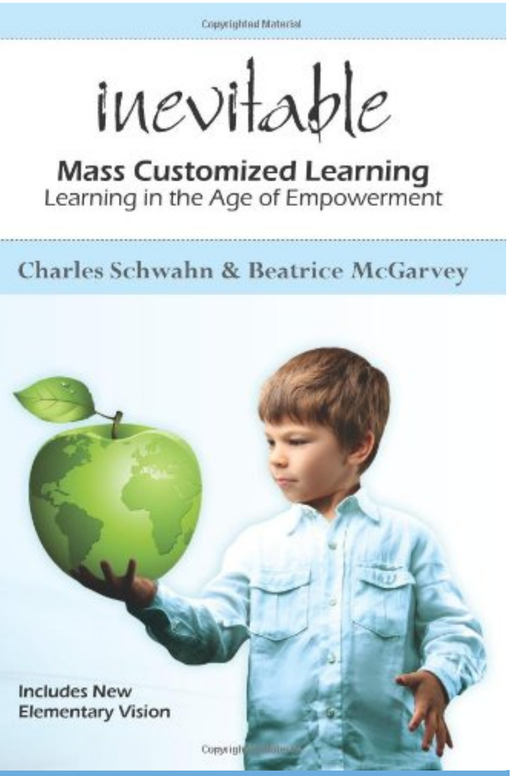
ILN States

The Innovation Lab Network (ILN) is a group of states facilitated by the Council of Chief State School Officers (CCSSO) taking action to identify, test, and implement policies to support student-centered approaches to learning.

One Example: Purdue University - CBE

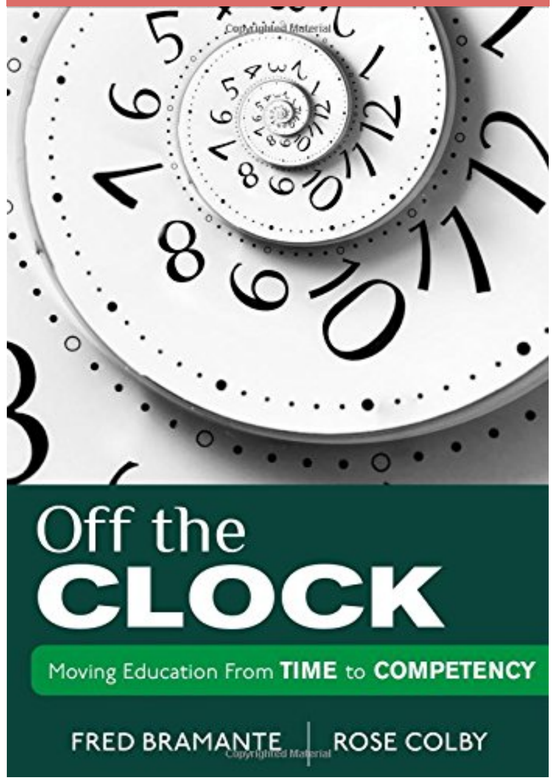
FRASER
INNOVATE • LEARN • LEAD

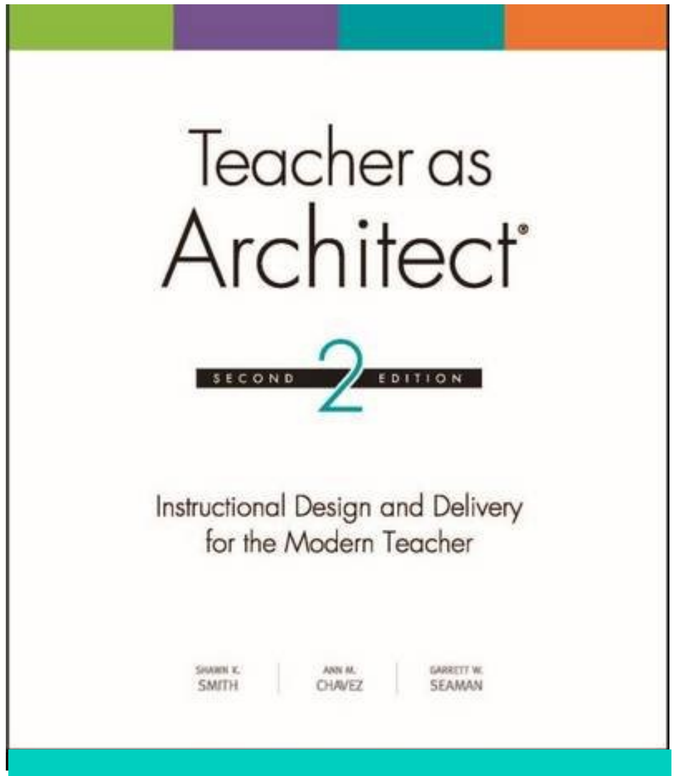
RECOMMENDED READING FOR LEARNING

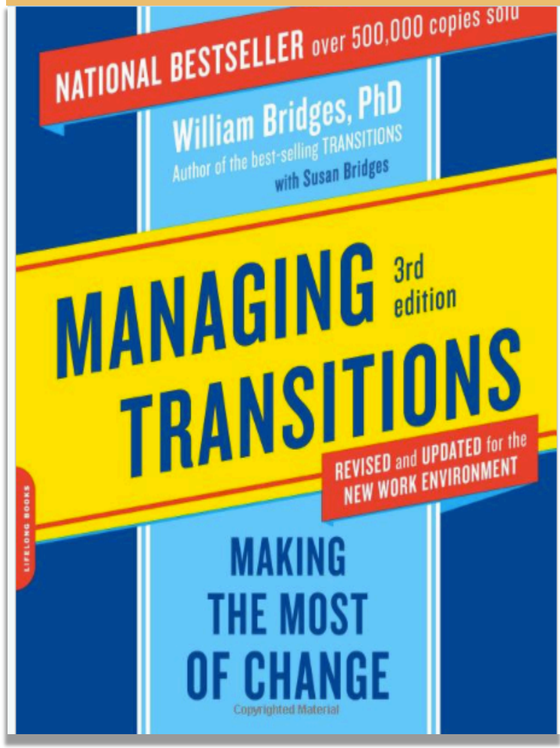


Provides a basis for the need to shift towards personalized learning

Reviews the New Hampshire implementation of CBL





Presents a framework for instructional design

Speaks to the human implications and realities of the change process