

SYMPOSIUM BREAKOUT SESSION WEDNESDAY, OCTOBER 26, 2022 | 2:00-3:30 PM ET

## PCBL (Personalized, Competency-Based Learning) in a PBL (Project-Based Learning) Classroom

#### PRESENTERS:

- JoAnn Groh, City Center for Collaborative Learning
- · Tadeo Pfister, Paulo Freire Freedom School



# CENTER FOR COLLABORATIVE LEARNING







## **Workshop Agenda**

- 1. PBL & CBL Overview
- 2. Weather and Climate Resiliency Project
- 3. Suggested Actions:
  - Student Choice & Universal Design Learning
  - Small Group Instruction/Workshop Model
  - Student Voice



#### 1. New-ish to PCBL & PBL



Which are you?



3. New-ish to PCBL, but "expert" at PBL

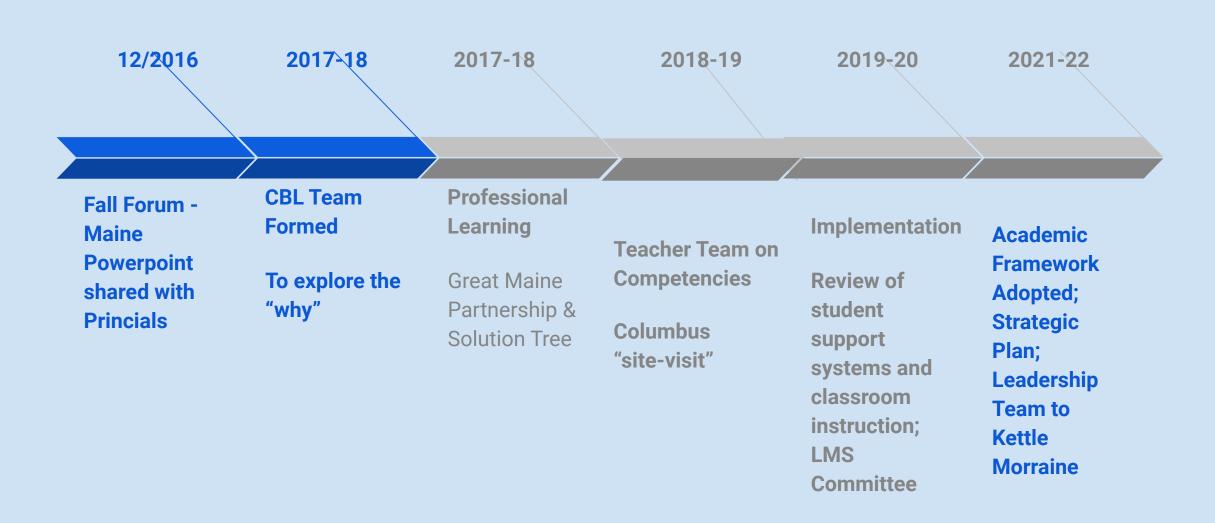
#### 2. Expert at PCBL, but new-ish at PBL





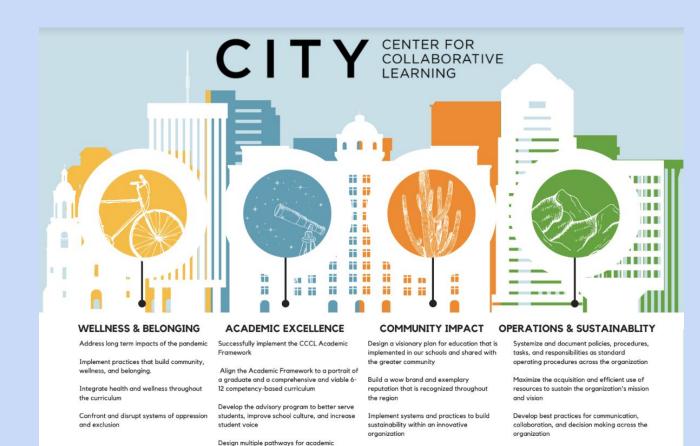
4. Expert at PCBL & PBL, but want to see how they fit

## **A Little Context and History**



#### This Year:

- Summer Revision of Standards
- 1st year implementation of strategic plan
- Adopt a new Portrait of a Graduate
- Continue PD with Staff
   PFFS-D Team Teaching
   Model at PFFS-D
- Continue PD with Staff



STRATEGIC PLAN: Learning in Community

Expand community partnerships to develop

practices that improve educational

Develop Organizational Coherence and

achievement that honors individual learning

profiles and diverse lived experiences

# The Framework for High Quality Project Based Learning













Learner Agency Assessment Student Supports Mastery

Students are empowered daily to make important decisions about their learning experiences, how they will create and apply knowledge, and how they will demonstrate their learning.

Assessment is a meaningful, positive, and empowering learning experience for students that yields timely, relevant, actionable evidence.

Students receive timely, differentiated support based on individual learning needs.

Students progress based on evidence of mastery, not seat time.

Students learn actively using different pathways and varied pacing.

Strategies to ensure equity for all students are embedded in the culture, structure, and pedagogy of schools and education systems.

Rigorous, common expectations for learning (knowledge, skills, and dispositions), are explicit, transparent, measurable, and transferable.

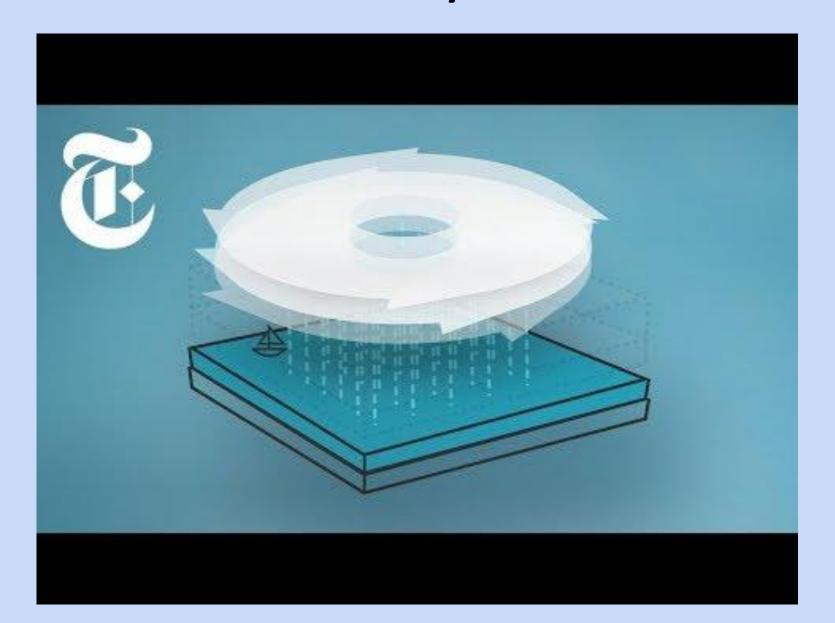
\*\*Aurora Institute, 2019\*\*

Pathways and Pacing

Equity

Standards Based

## **Weather & Climate Resiliency: The Problem Statement**



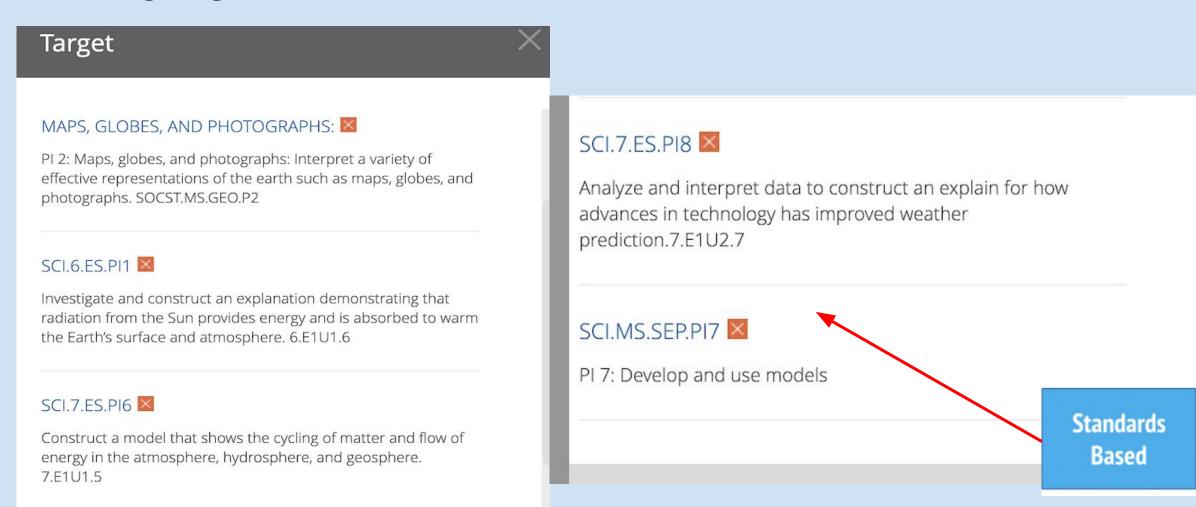
## Weather & Climate Resiliency: The Problem Statement



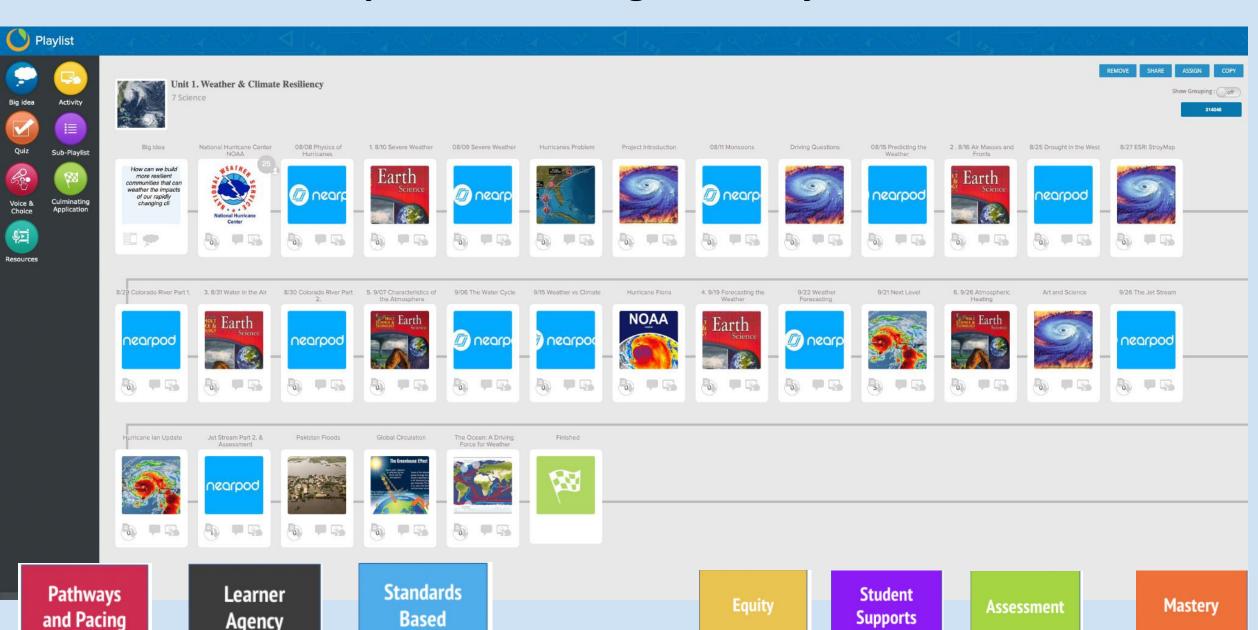
### The Essential Question & The Learning Targets

DQ: How can we build more resilient communities that can weather the impacts of our rapidly changing climate?

The Learning Targets "Standards" in line with the Arizona Science Standards



## **Empower Learning:** *The Playlist*

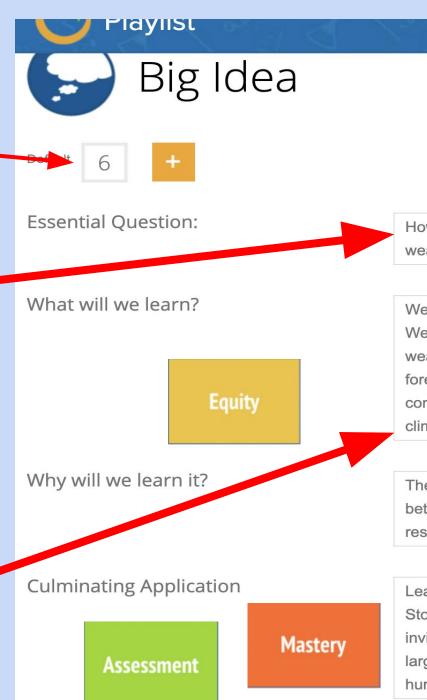


#### What is the Big Idea?

Standards Based

The Essential
Question drives the
exploration of the
actions needed for
change

Use Examples like
Hurricane Katrina and
Maria to expose equity
issues related to hurricane
response and
preparedness



How can we build more resilient communities that can weather the impacts of our rapidly changing climate?

We will explore what drives the earth's weather and climate. We will learn about how climate change is impacting severe weather like hurricanes. We will explore how scientists forecast severe weather. We will also explore how coastal communities of color are disproportionally impacted by climate change and hurricanes.

The reason we are learning about weather and climate is to better prepare ourselves and our communities to be more resilient in the face of our rapidly changing climate.

Leaners will express their learning by producing an ESRI StoryMap about a historical hurricane. Learners will also be invited to participate in a science art project and produce a large format poster or a physical model about a particular hurricane.

#### **Project Work & Assessments**



#### **Cyclone Paradip (Odisha)** 1999

The cyclone battered Odisha's shores and left many injured and thousands more dead!

Minerva Predick-Sutoon September 1, 2022

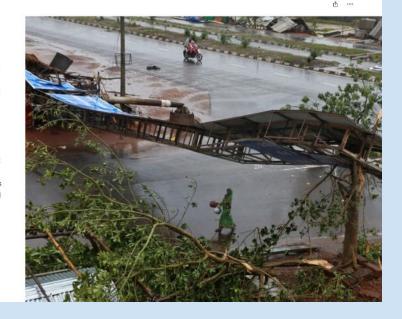
Mastery

**Assessment** 

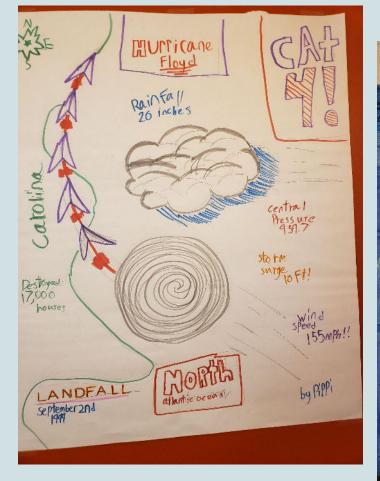


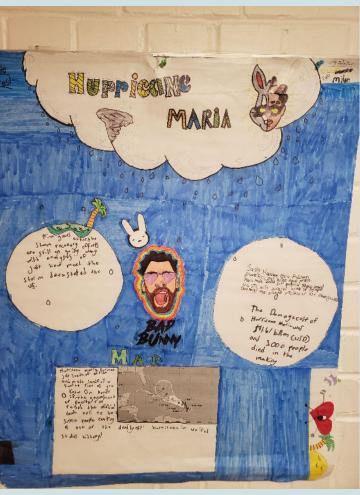


Communities were severely affected by the 1999 Paradip (Odisha) cyclone. The death toll at 10,000 was so high that bodies had to be "bulldozed into vast, faceless graves", according to an India Today report from 1999! Many lakh houses were destroyed, along with lakh animals, & people! Many people were left homeless and many children were left orphans. Odisha also lost 2 million rice crops. And according to the state forest department around 20,000 trees were uprooted in about 25,000 ha reserved



#### **Project Work & Assessments**







Learner Agency

#### **To Summarize**

## What we are doing. . . .

- Embedding CBL into PBL units
- Providing students with lots of choice
- Moved from assessment to gathering evidence of proficiency

## What is still a work in progress . . .

- Adopt a Portrait of a Graduate (incorporating our Habits of Heart and Mind) and build competencies for those
- Mastery Transcript Consortium
- Shift to more learner agency over progress on competencies

**Discuss in Break Out Rooms:** What did you notice? What are you wondering about?



Project Based Learning and Personalized Competency Based Learning Next Steps:

Level One: Student Choice; Universal Design Learning

Level Two: Workshop Model and Small Group Instruction

**Level Three: Student Voice: Co-designing** 

## **Level One: Student Choice and Universal Design Learning**



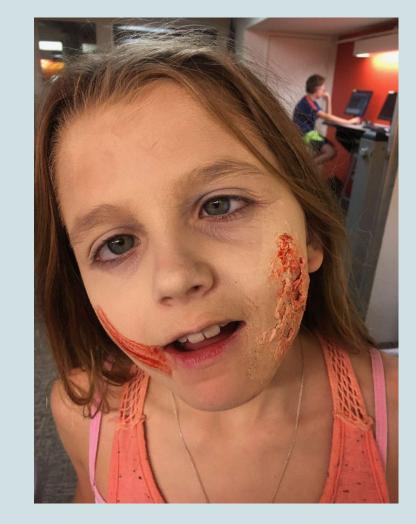


#### **Voice and Choice**

Choice: Students are encouraged to choose from a set of options provided for them, the path or process that works best for them.

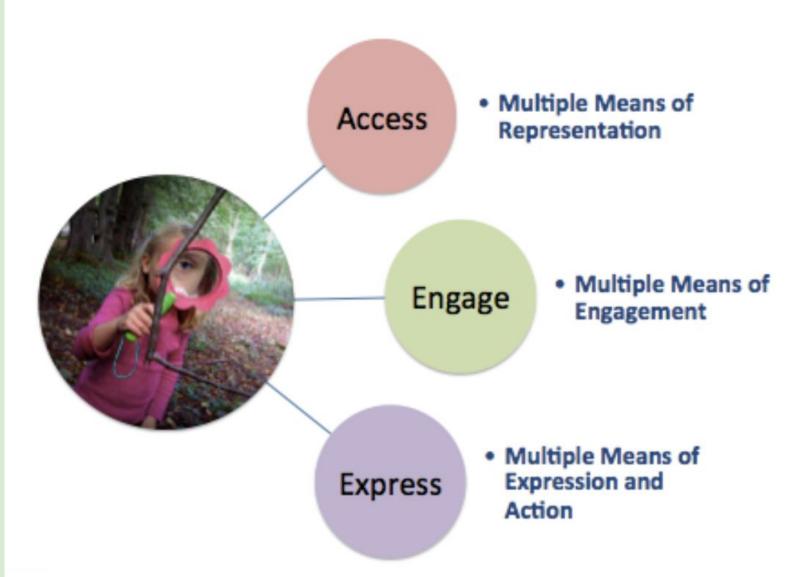


Voice:
Students
are
responsible
for or
included in
designing
their
learning
options



## **Universal Design Learning**





#### **Assessments**

#### For 2 Main Reasons:

- 1) Data to help teacher plan instruction/support
- 2) Evidence of student mastery
  - Quizzes & Tests +
  - Performance tasks
  - Interviews/confers
  - Peer/self assessments
  - In-class assignments



## Level Two: Small Group Instruction/Workshop Model



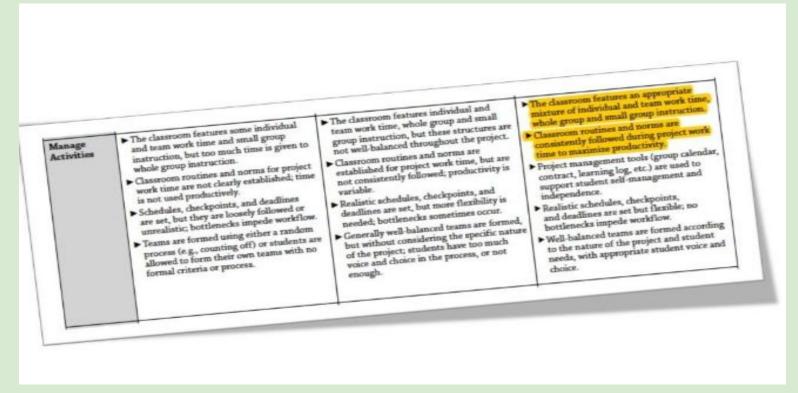
Just as **PBL** provides an organizational structure for a **unit of study**, the **workshop model** provides an organizational structure for a daily **lesson** within a project.



The classroom features an appropriate mixture of individual and team work time with group and small group

instruction

## Manage Activities



Classroom routines and norms are consistently followed during project work time to maximize productivity (Standard Operating Procedures - SOPs)

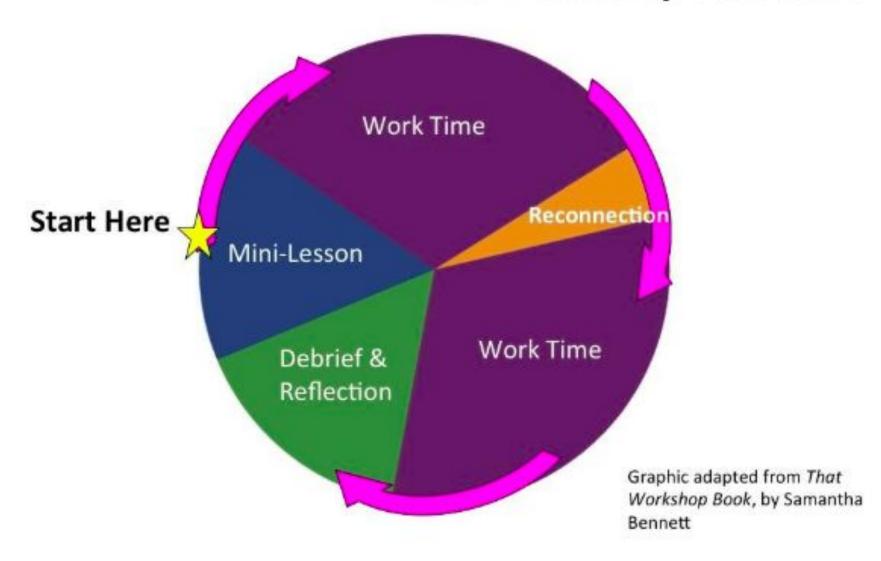
#### THINGS THAT MAY NEED TO HAPPEN IN THE MIDDLE OF A PROJECT

- Content instruction
- Skills instruction
- Reflection
- Formative assessment
- Project team work
- Revisiting need to know questions
- Individual coaching
- Communication with experts
- Peer critique
- Guided practice
- Independent practice
- Process reflection
- Rubric analysis
- Literacy tasks

- Remediation
- Small group support
- Whole-class discussions
- Journaling
- Goal-setting
- Collaboration feedback
- Conflict resolution
- o Labs
- Lectures
- Review
- Revision time
- Gallery walks
- Guest speakers
- Field trips

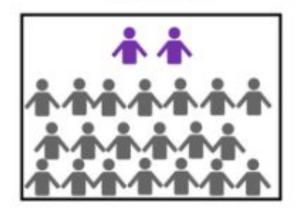


## **The Workshop Structure**

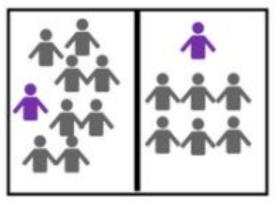


## LEARNING ORGANIZATION MODALITIES FOR TEAM TEACHING IN PROJECT-BASED LEARNING

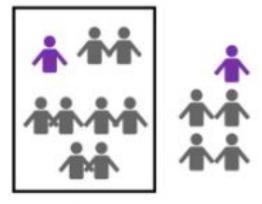
WHOLE CLASS



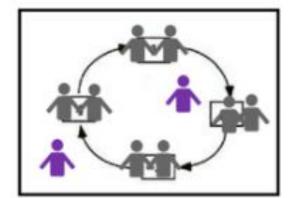
SPLIT GROUP



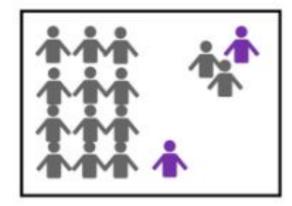
BREAKOUT WORKSHOP



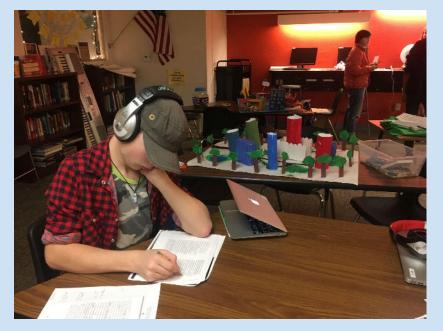
STATIONS

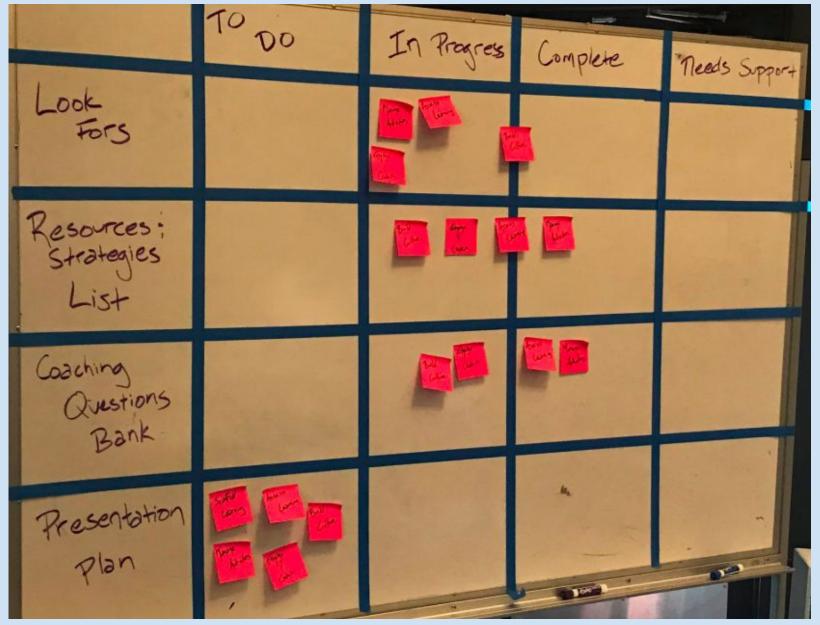


CONFERENCING



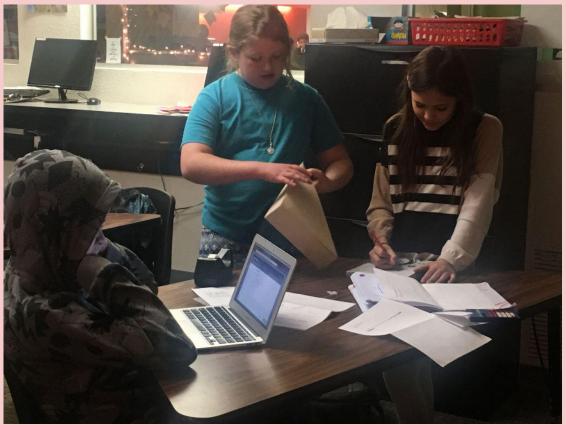
## Low Tech: SCRUM or Kanban Board





## **Level Three: Student Voice**





What if students were empowered to embellish learning with learning about competencies they still need to master?

## **Kettle Moraine Seminar**



#### **PFFS Intersession**



### For More Information:









Learning Without Boundaries

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Tadeo Pfister: tadeop@cityccl.org



OCTOBER 24 – 26, 2022 | VIRTUAL

Thank you for joining us!

Share Your Thoughts

Participate in our one-minute poll (link in chat box)

