

The Role of Professional Learning Communities in fostering Intellectual Engagement

Welcome!
We will begin on
the hour!

Session 3 - Intellectual Engagement: Engaging Students in Collaboration, Dialogue, & Critical Thinking



**Teaching
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Session 3

**Intellectual Engagement:
Engaging Students in Collaboration,
Dialogue, & Critical Thinking**



75%

**of 5th graders feel
engaged by school,
but only**

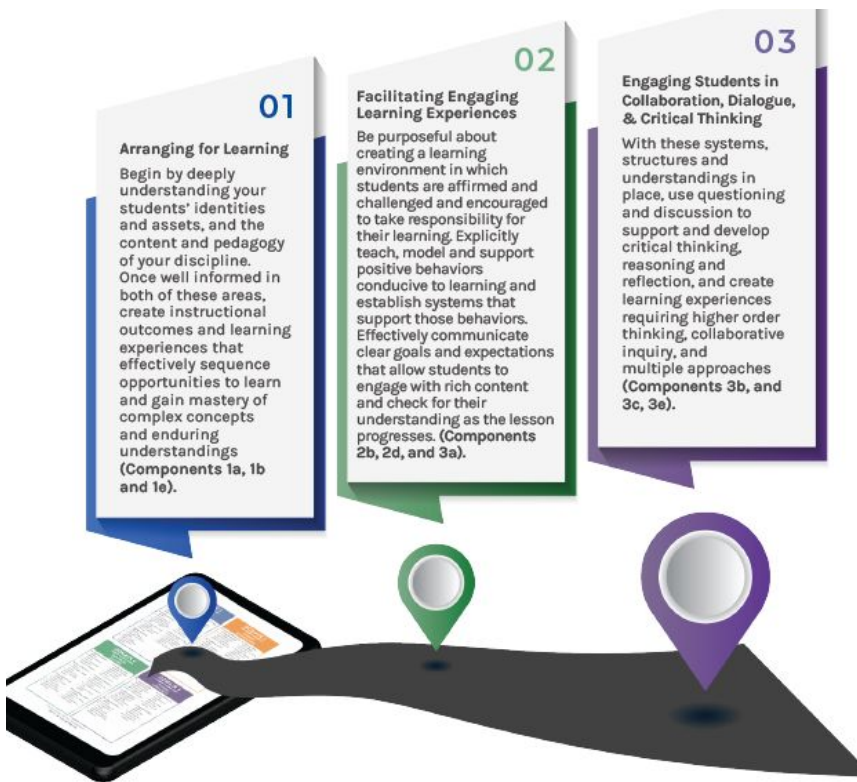
32%

**of 11th graders feel
the same way**

The Danielson Framework for Teaching



Our Solution:



Session 1: Hands Hearts and Mind

- **1a** Applying Knowledge of Content & Pedagogy
- **1b** Knowing and Valuing Students
- **1e** Planning Coherent Instruction

Session 2:

- **2b** Fostering a Culture for Learning
- **2d** Supporting Positive Student Behavior
- **3a** Communicating About Purpose and Content

Today's session:

- **3b** Using Questioning and Discussion Techniques
- **3c** Engaging Students in Learning
- **3e** Responding Flexibly to Student Needs

Our Solution:

THE DANIELSON GROUP'S APPROACH TO PROFESSIONAL LEARNING

3 KEY SPHERES INFLUENCE

to maximize the possibilities for school improvement and teacher growth.

- REFLECTIVE PRACTICE
- COLLABORATIVE INQUIRY
- INSTRUCTIONAL COACHING



Tools:

- Intellectual Engagement Guide
- Self-Assessment Tool
- Observation Guide



To what extent are you leveraging the 3 Spheres of Influence in your professional learning?

Poll:

Which Sphere of Influence does your school focus on most:

Reflective Practice?

Collaborative Inquiry?

Instructional Coaching?



In this session, you will...

- Analyze Stage 3 of the Intellectual Guide - focusing on Engaging Students in Collaboration, Dialogue & Critical Thinking
- Preview the conditions and structures that support how to create and maintain a Professional Learning Community.



Stages of Intellectual Engagement

Stage 3: Engaging Students in Collaboration, Dialogue & Critical Thinking



Self-Assessment Component Study: 3C

Engaging Students in Learning pp. 8

Take 2 minutes to review the self assessment on 3c.

What are some areas of strength?

What are some growth opportunities?

Engaging Students in Learning (3c)	
Rich Learning Experiences <i>Students demonstrate agency and critical thinking in completion of tasks and activities that require high levels of intellectual engagement.</i>	Use of Instructional Materials and Resources <i>Instructional materials and resources are used effectively to support intellectual engagement and deep learning of the content.</i>
<input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established	<input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established
Collaboration and Teamwork <i>Student collaboration is a key component of learning and engagement, and students take initiative to collaborate in new or unplanned ways that further their learning and make it more engaging and meaningful.</i>	Opportunities for Thinking and Reflection <i>Individual lessons, activities, and tasks, as well as instructional pathways, have multiple and effective opportunities to think, reflect, and consolidate understanding.</i>
<input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established	<input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established



What are the qualities of a rich learning experience in your context?

Rich Learning Experiences

Agency

**Critical
Thinking**

**Completion
of Tasks and
Activities**

**Minds,
Hearts and
Hands**

Observing for Component 3c pp. 13

Refer to your observation tool as we watch the video.

Engaging Students in Learning (3c)

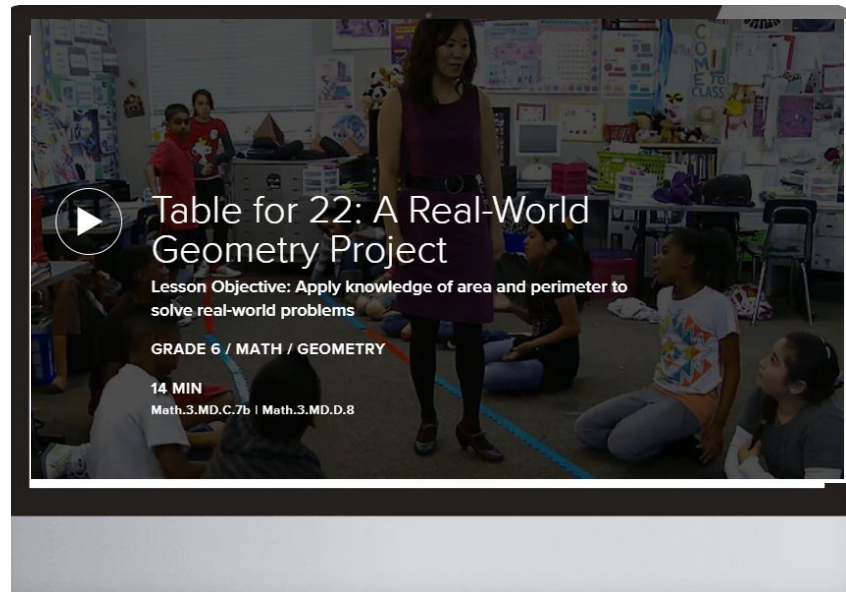
Elements of Success	Notes and Observations Possible examples, evidence statements, and questions
Rich Learning Experiences <i>Students demonstrate agency and critical thinking in completion of tasks and activities that require high levels of intellectual engagement.</i> <input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established	
Collaboration and Teamwork <i>Student collaboration is a key component of learning and engagement, and students take initiative to collaborate in new or unplanned ways that further their learning and make it more engaging and meaningful.</i> <input type="checkbox"/> Not yet <input type="checkbox"/> In process <input type="checkbox"/> Established	
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Observing for Component 3c

A Real World Geometry Project

Watch the video through the lens of the Elements of Success for Component 3c.

- Rich Learning Experiences
- Collaboration and Teamwork
- Use of Instructional Materials
- Opportunities for Thinking and Reflection

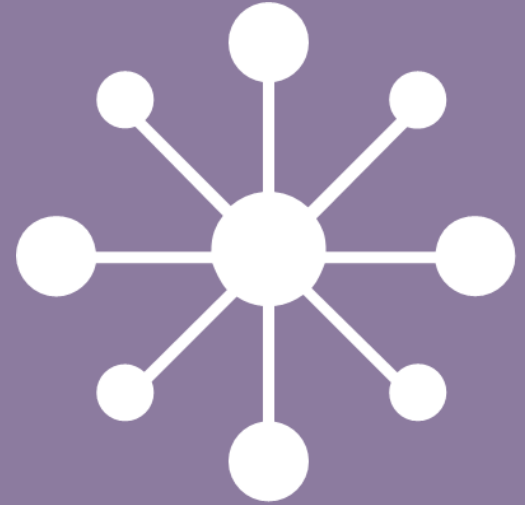


[Link to Video](#)

Stop and Jot in Chat

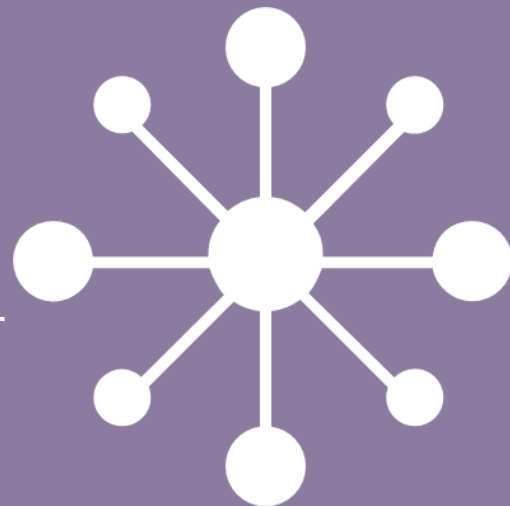
Observing for Component 3C

- Write in the chat the element of success you observed with an example from the video
 - A--Rich Learning Experiences
 - B--Collaboration and Teamwork
 - C--Use of Instructional Materials and Resources
 - D--Opportunities for Thinking and Reflection.
- How did the teacher engage students' minds, hearts and hands?



Professional Learning and School Improvement

- Poll: Which element of success do you feel your school community needs to become better at?
 - A--Rich Learning Experiences
 - B--Collaboration and Teamwork
 - C--Use of Instructional Materials and Resources
 - D--Opportunities for Thinking and Reflection.





More than 70% of initiatives fail.

Lack of clarity, tools and processes.

Our Solution:

THE DANIELSON GROUP'S APPROACH TO PROFESSIONAL LEARNING

3 KEY SPHERES INFLUENCE

to maximize the possibilities for school improvement and teacher growth.

- REFLECTIVE PRACTICE
- COLLABORATIVE INQUIRY
- INSTRUCTIONAL COACHING



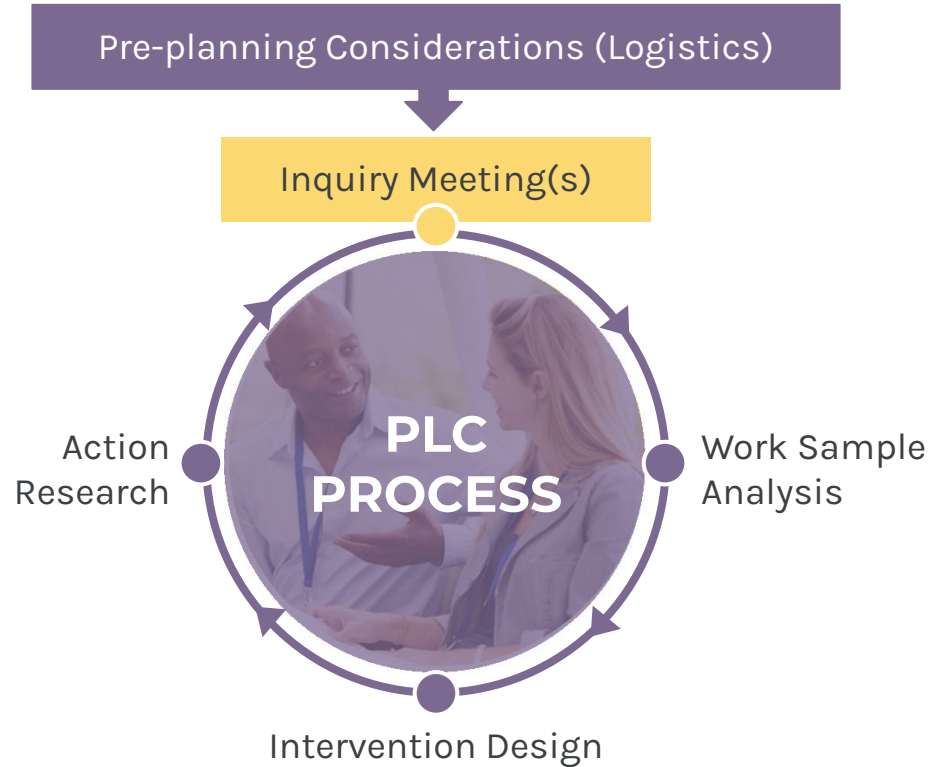
Three Big Ideas of a PLC

Putting our work together in an anchored and coherent way for professional learning and growth.



The Cycle of Inquiry

Poll: Which Stage are you most interested in learning more about?



The Cycle of Inquiry

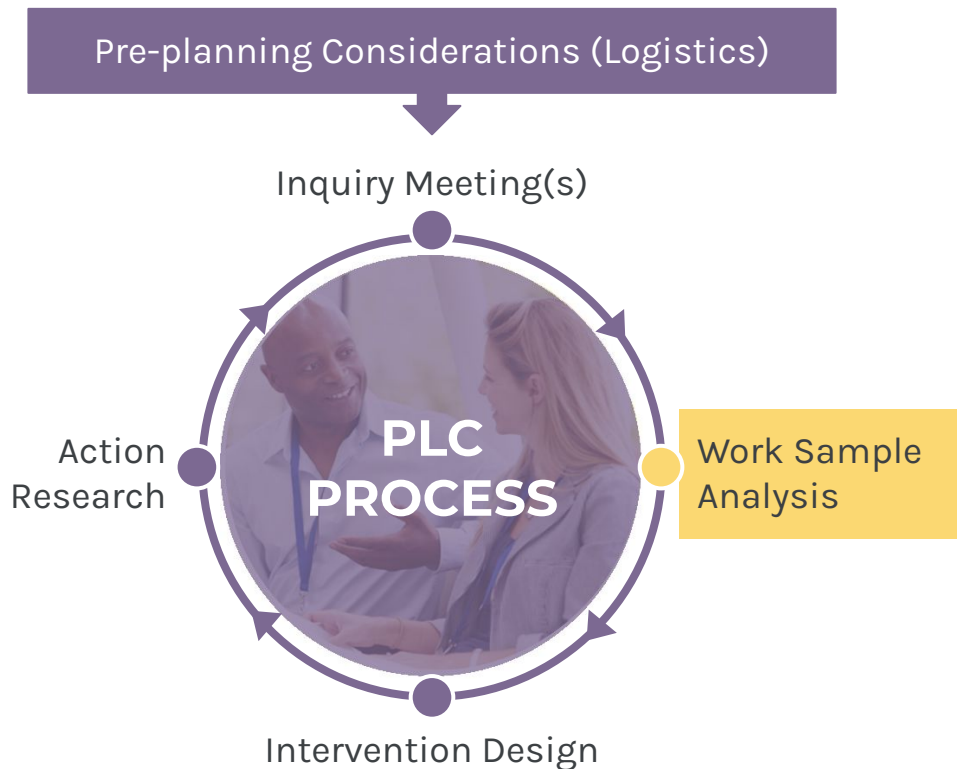
Work Sample Analysis

Create Goal Statement using the language of elements of 3c.

Example

By January 10th, I will have strengthened my capacity to design opportunities for students to engage in thinking and reflection by using the strategy of

-----.



Practice Setting Goals using the Elements of Success:

By (date), I will have strengthened my capacity to (insert elements of success) by (intervention).

- Rich Learning Experiences
- Collaboration and Teamwork
- Use of Instructional Materials
- Opportunities for Thinking and Reflection

Key Takeaways - Stage 3

- To foster intellectual engagement within students, educators must deliberately design a learning environment that invites students to participate fully, critically think, reason and reflect.
- Intellectual engagement amongst students occurs by deliberate educator design. Therefore, educators must consider the quality of instructional materials and resources in service of rich learning experiences that foster collaboration, thinking and reflection.
- Professional Learning Communities can help to improve educator collective efficacy to create learning environments that are intellectually engaging for students.

03

Engaging Students in Collaboration, Dialogue, & Critical Thinking

With these systems, structures and understandings in place, use questioning and discussion to support and develop critical thinking, reasoning and reflection; create learning experiences requiring higher order thinking, collaboration, and multiple approaches (Components 1e, 3b, and 3c, 3e).

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The Cycle of Inquiry

Inquiry Meeting(s)

Objective 2: **Determine what data to collect**

Data Collection should answer the question “Where am I now?”

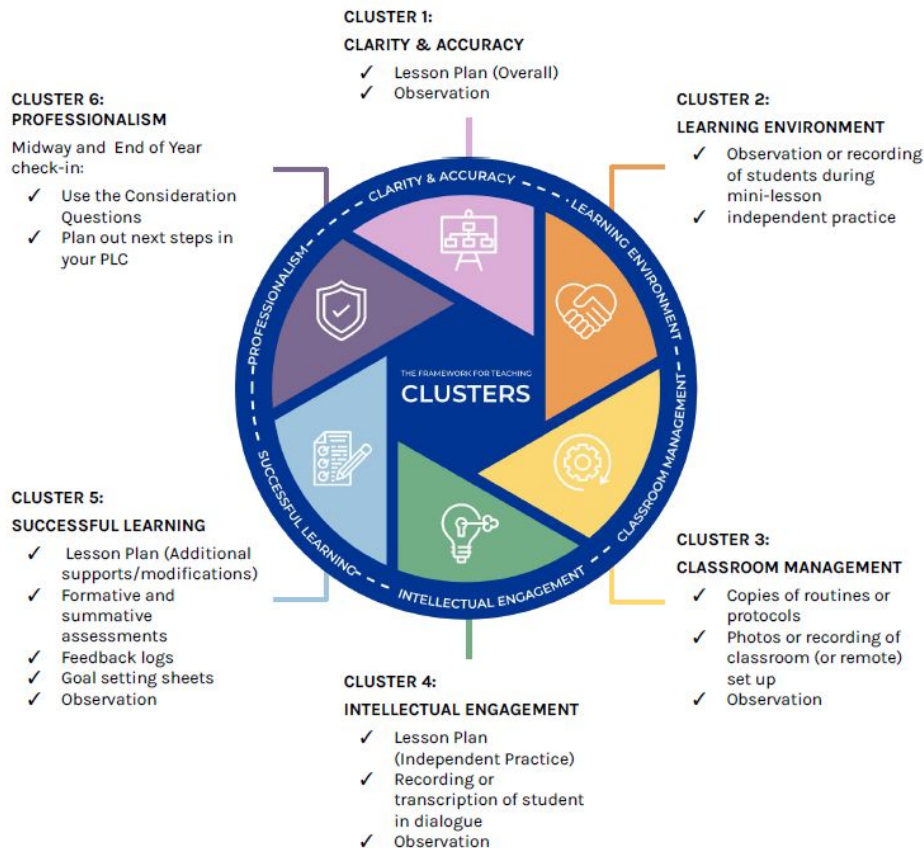
Cluster 5:

- Lesson Plan (Additional supports/modifications),
- Formative Assessment
- Summative Assessment
- Feedback logs
- Goal setting sheets

In breakout rooms, discuss some of the data that could be collected for Cluster2?

Example Data by Cluster

Use this guide to identify sources of data relevant to each Cluster.



The Cycle of Inquiry

Inquiry Meeting(s)

*Objective 2: **Determine what data to collect***

Focus Statement

Example

Based on my self-assessment results, I would like to focus on Cluster 2, specifically building positive developmental relationships.

Collect Data

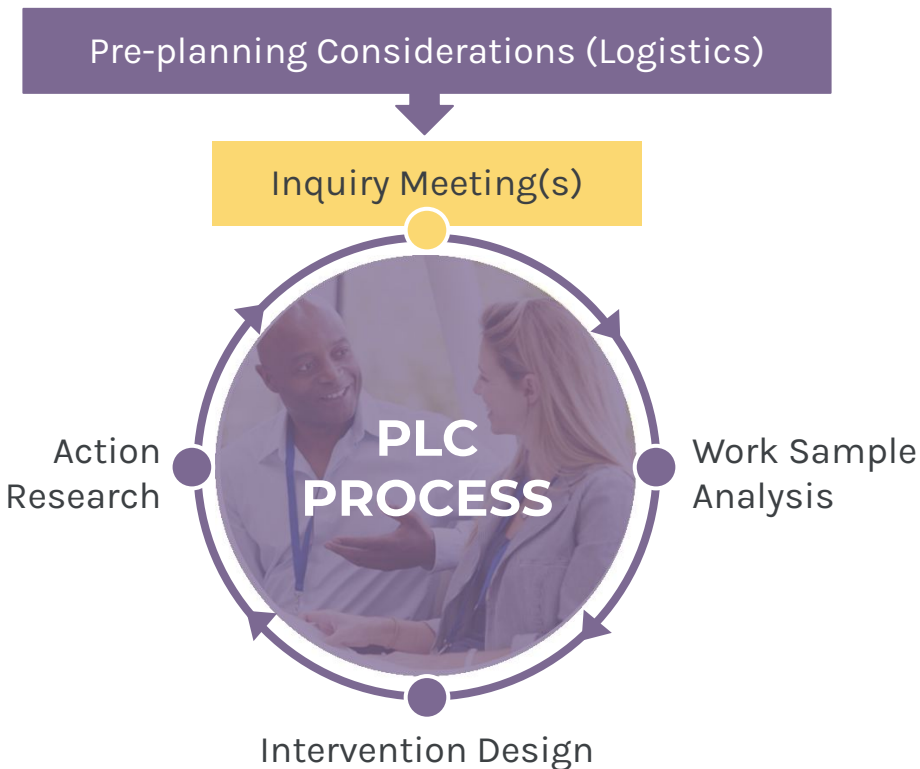
Example

Target students: Use exit tickets and surveys to gauge how students feel about their interactions in class.

Instructional Materials: I will gather one week of lesson plans to analyze opportunities to increase group work.

Systems and Routines: I will analyze my systems and routines with respect to my focus area.

Observation Data: I will record 3 - 4 lessons and review it with colleagues to monitor respectful interactions.



The Cycle of Inquiry

Work Sample Analysis

Analyze data

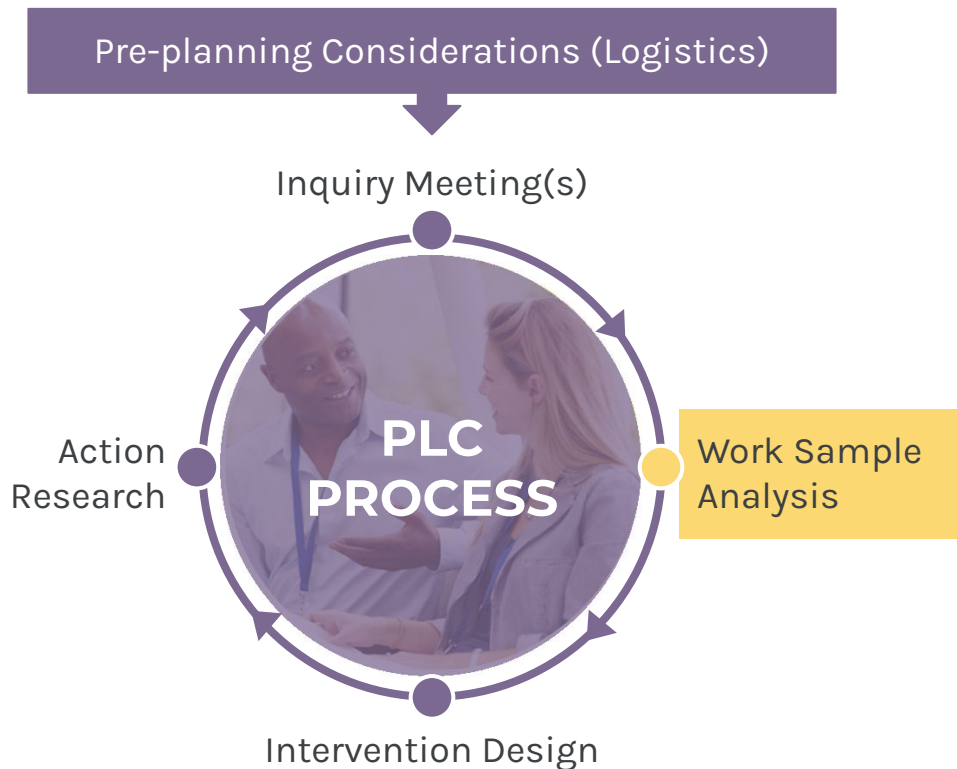
Example

Target students: 2 out of 4 students show care and respect towards each other and myself.

Instructional Materials: My materials don't necessarily reflect the concept of care.

Systems and Routines: I have a system where students can discuss each other's strengths, I'm not sure if it's working for my other 2 students.

Observation Data: My observation data revealed that I have consistency in this area.



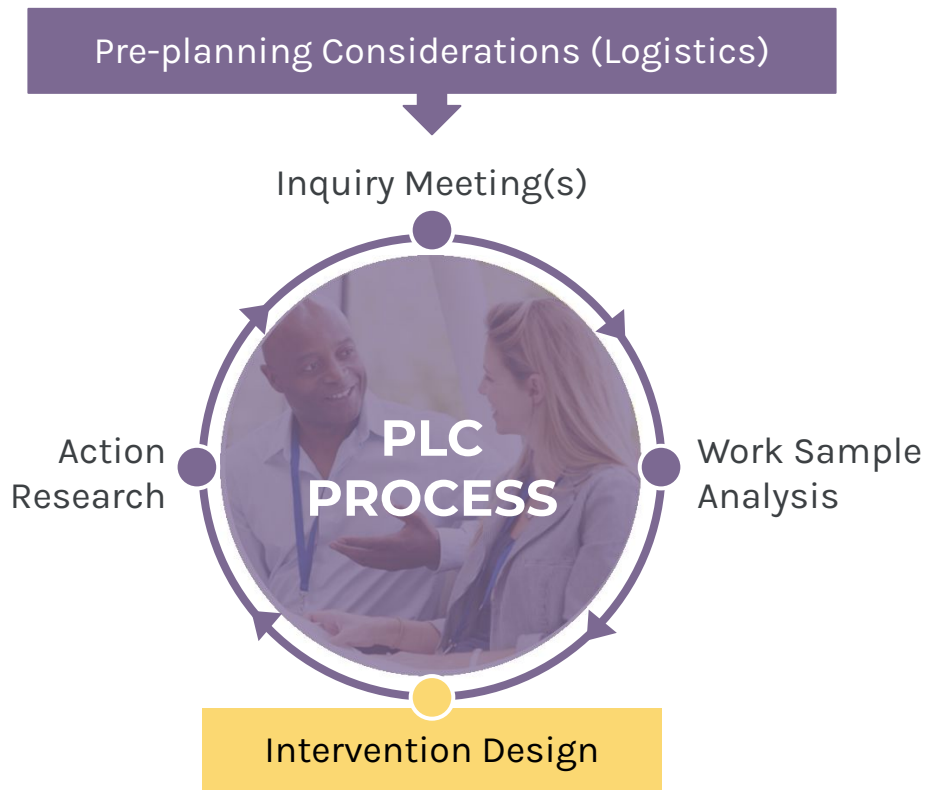
The Cycle of Inquiry

Intervention Design

Objective 1: **Brainstorm Interventions**

Example: Brainstorm Intervention

Ask students to submit 2 -3 suggestions for how they would like to engage in caring and respectful dialogue with their teacher and among peers. Based on their feedback, develop a set of protocols for interactions. The protocols should range between 3 - 4 statements.

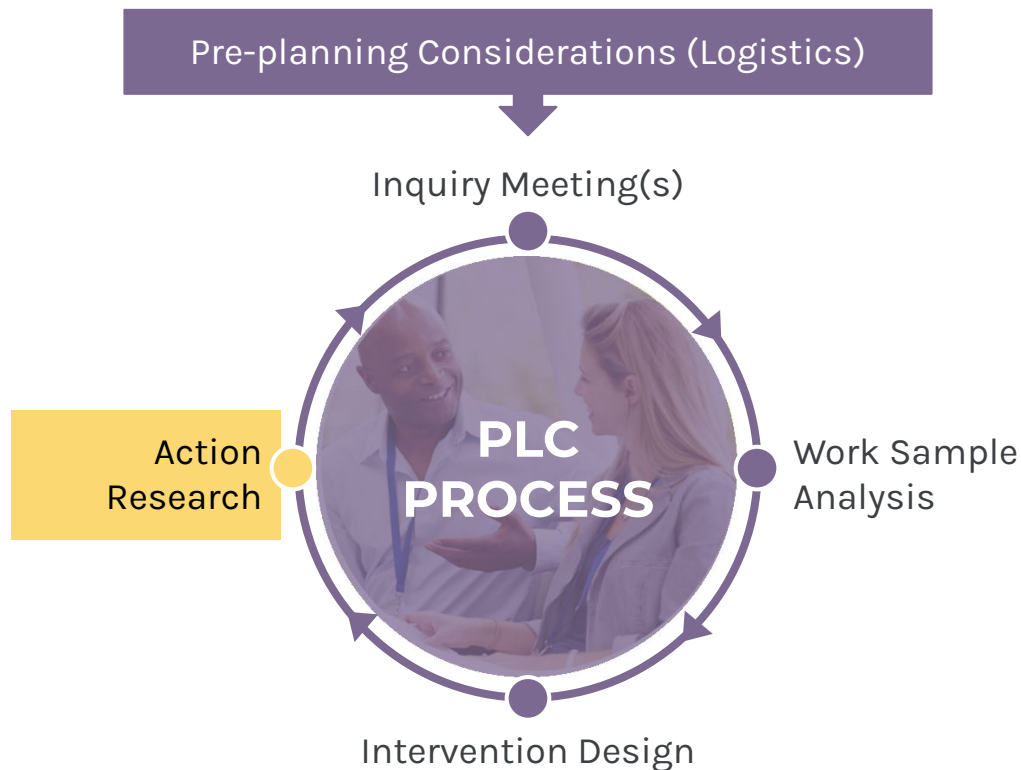


The Cycle of Inquiry

Action Research

Example

I will commit to using the protocol at least 5 times and gathering data on my success indicators.



Journaling - Future Dreaming

Spend 5 min. responding to the following prompt. You may use the back of your packet, another piece of paper, or type your thoughts.

In terms of Intellectual Engagement, what do you want your classroom/school to look like, feel like, sound like in 1 week, 6 months, 1 year?