

Advanced Inquiry Institute

DESCRIPTION: Teachers and administrators will learn to reframe existing curricular requirements as inquiry, ask essential questions, design instructional sequences, and use discussion and questioning techniques to promote deep understanding of disciplinary concepts and strategies.

Syllabus used in the Past – Most will pertain, but there will be some changes:

Advanced Inquiry Institute Syllabus/Overview

Required Reading

- *Inquiring Minds Learn to Read and Write*, Wilhelm

Recommended reading and/or resources for our use during the week

- *An Ethic of Excellence*, Berger (excerpts)
- *Stirring the Head, Heart and Soul*
- *Reflective Teaching, Reflective Learning*, McCann et al (Heinemann)
- *Going with the Flow*, Smith and Wilhelm
- *Strategic Reading*, Wilhelm, Baker, Dube
- *ChemCom, Physics by Inquiry*
- *Connected Mathematics*
- www.readingonline.org- website that fosters an online creation of inquiry units by teachers or students
- *Teaching for Deep Understanding*, ...

Pre-Institute

Community Building

Why are you here?

Overview of process- sequential (difficulty of presenting sequentially)

Example of inquiry scaffold

Developing their own questions about inquiry

Inquiry Institute

Day 1

Overview of process again (not sequentially, backwards, start in middle)

Framing the theory and process- What is inquiry? Pedagogy

Creating Class Culture- we are modeling the culture

- Berger- Venn diagram, compare

Teacher research questions
Read and respond. Respond with a question (small group)

Day 2

Compelling Topic- Reframing topic of study
What do you have to teach/How do you teach it
Essential Questions: Student Based, Teacher Based
Overarching questions/big concepts
Lens In: Starting point/hook.

Begin individual workshop

Day 3

Frontloading
Layering/Sequencing Instruction: Peeling back
Concepts/Standards/Skills

Day 4

Authentic Products
Creative Artifact guidelines, expectations
Examples of student work, projects
Community of practice- resources
Application, connection

Day 5

Assessment/Reflection
Reflective Practitioners- leads to inquiry process
Assessment tools throughout the process

Cross curricular integration
Independent Inquiry projects
Documentation

Daily Schedule:

- inquiry cube
- question cubes
- scenarios of teaching
- How do I learn? Reflective writing

Pros and Cons

Our daily guiding questions:

- How do I find the time?

- Standards/benchmarks I have to meet
- But I have to teach....
- Purposeful reflection
- Purposeful meetings
- Intent
- Baby steps
- Collaboration/teaming
- Effective Group work
- Documentation
- Deep understanding
- Depth vs. Breadth
- How to learn how to learn? How to learn how to think?
- Students measuring success/progress? Taking ownership of learning?
- Passions
- Tools and strategies
- Forms/assessment
- Student created rubrics
- Teaching wisdom
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Windows In/the hook: (what leads students to inquiry)

- Art
- Controversial readings
- Music
- Tableaux
- Science- cockroach piece

Daily demos: 30-45 minutes

Science demo

Math demo

Writing demo

Social Science

Art/Music

Final Assessment:

- Night of Inquiry Presentation
- Reflection Journal
- Final Inquiry Unit
- Reading Summaries and reflections