

CELL

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UNIVERSITY OF INDIANAPOLIS

THE RIGOR ROADMAP: NAVIGATING HIGH EXPECTATIONS IN DUAL CREDIT

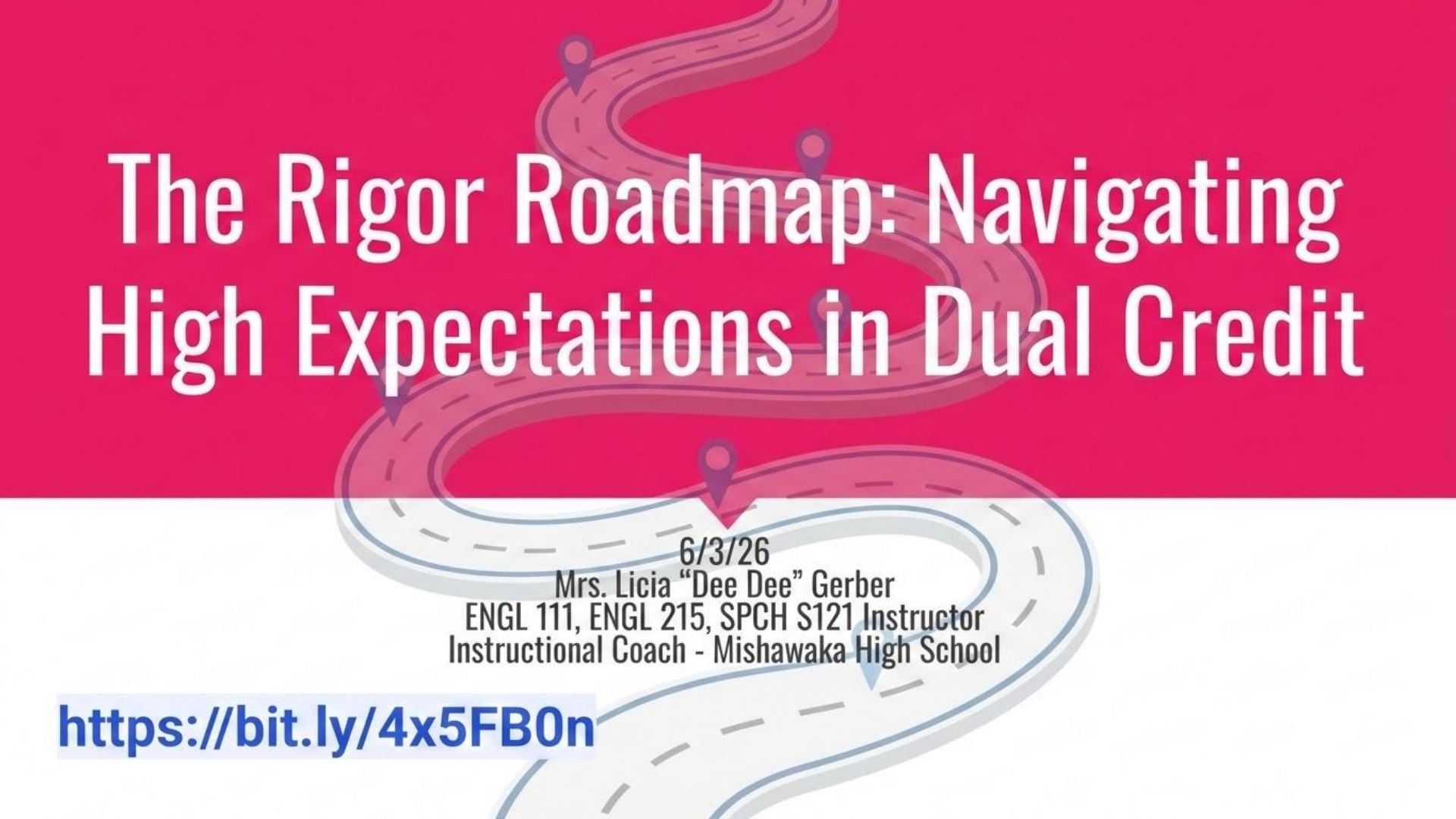
Presenters:

Dee Dee Gerber

English Teacher & Instructional Coach
Mishawaka High School

<https://bit.ly/4x5FB0>

**INDIANA EARLY
COLLEGE SUMMIT**



The Rigor Roadmap: Navigating High Expectations in Dual Credit

6/3/26

Mrs. Licia "Dee Dee" Gerber
ENGL 111, ENGL 215, SPCH S121 Instructor
Instructional Coach - Mishawaka High School

<https://bit.ly/4x5FB0n>

Why? - Metacognition and Ownership

Student Success & Responsibility

We want students to succeed, to competently complete work at a higher level while taking ownership of their own learning and education.



Training Students- DC is as much about the “how” as the “what”



We must train the students how to approach a DC classroom and what to expect from it.



Syllabus - Spend the Time!

Syllabus and Emergency Procedures

- **Spend time explaining the details:** Don't rush. This foundational step sets the expectations for the entire course.
- **Answer questions as needed:** Avoid glossing over requirements or rules. Clarity now prevents confusion and provides a basis for accountability later.



Parent Letter & Expectations

Letter Requirements

- **Send Parent Letter home:** Establishing early communication with families.
- **Share college expectations:** Clarify the rigor required for success.
- **Share content levels:** Detail the academic scope of the course.
- **Signed acknowledgement:** Ensure receipt of all expectations and policies.



Proactive Communication

Inform parents of the difference the first week so you can refer back to that if there are questions later. Early clarity builds a foundation for accountability.

High School Vs. College

Key Discussion Points:

1. **Intellectual Work:** New levels of rigor and independent analysis.
2. **Basis of Belief:** Understanding the "why" behind your convictions.
3. **Subversive Nature:** Challenging existing perspectives and worldviews.
4. **The Power of Reason:** Why logical inquiry is fundamental.



Resources for How College is Different Than High School

[How is College Different From High School?](#)

King's College

[8 Differences Between High School and College](#)

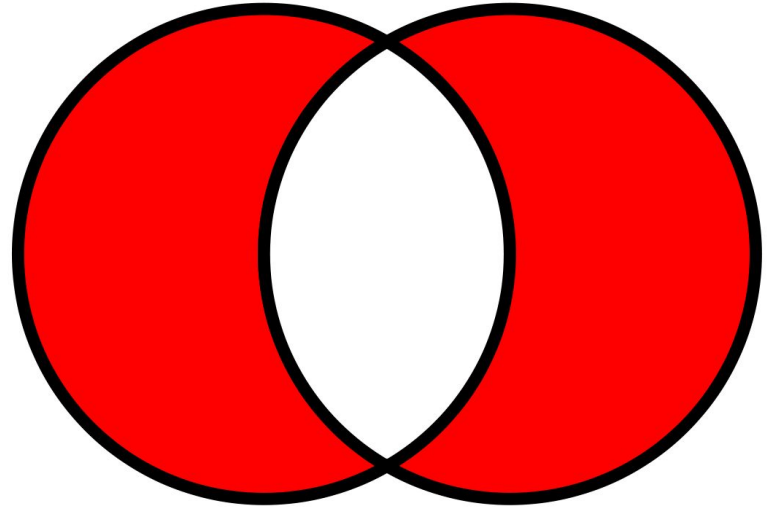
University of Bridgeport

High School Vs. College

Class Activity: Venn Diagram

Engage in a whole class discussion to explore the transition from HS to college.

- **Phase 1:** Start with general differences and similarities.
- **Phase 2:** Focus on specific differences for this class.
- **Key Focus:** Emphasize the "Running a Race" analogy for effort.



Learning Styles & Studying Tips

Action Item: Take learning styles inventory



Auditory

Learn best through listening and speaking.



Visual

Learn best through seeing and observing.



Kinesthetic

Learn best through doing and moving.

*** Keep trying new studying techniques until you find what works!**

** We don't have just one learning style, so what works best for you in different situations?

Why Multiple Modes of Instruction Matter

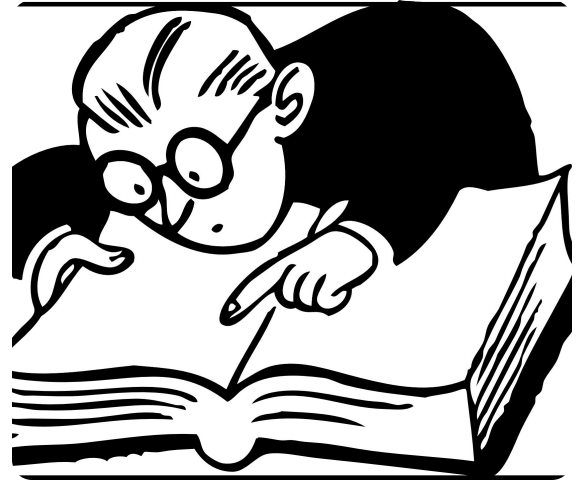
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“”What I hear, I [eventually] forget. What I hear and see, I remember a little. What I hear, see, and ask questions about or discuss with someone else, I begin to understand. What I hear, see, discuss, and do, I acquire [as] knowledge and skill. What I teach to another, I master.” Robert Silberman

College Reading Tips for Any Subject

Teaching Reading Strategies

- Assign required college reading (longer, higher vocabulary)
- Chunk large readings into smaller sections
- Have students summarize sections for meaning
- Encourage looking up unknown vocabulary
- Work through any example problems together



Pro-Tip for Teachers:

Assign directed reading questions to help students understand the purpose of the text.

Studying 101: Study Smarter Not Harder

- Reading is not Studying: use active studying techniques
- Use shorter spaced out intense study sessions
- Switch up your setting and noise level
- Reconsider multitasking
- Become a Teacher
- Take control of your calendar
- Use downtime to your advantage



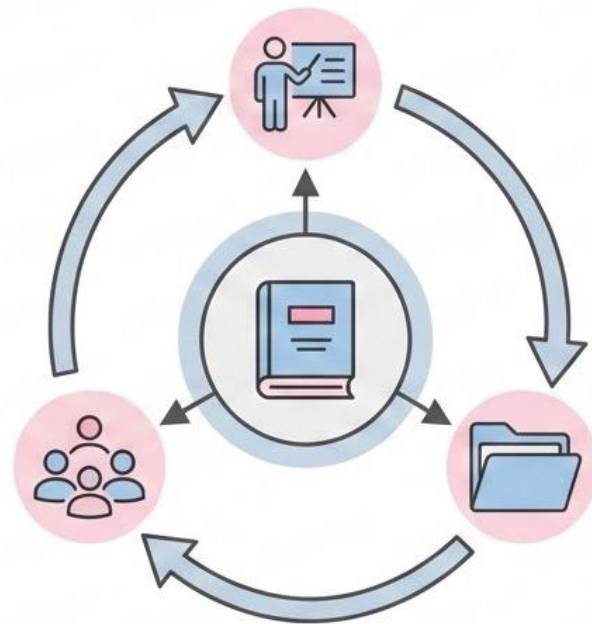
Tools Folder - Google Drive

- Have them keep a list of all helpful websites with annotations of what they have found on them
- Have them keep a list of new vocabulary, formulas, etc
- Have them save samples of examples and useful articles in their Google Drive in both personal and school accounts (as school accounts will be deleted after graduation)
- Keep referencing back to those tools as students have questions so they get used to going to them for information in the future



So what do I need to do as a Dual Credit teacher?

- Have them keep a list of all helpful websites with annotations of what they have found on them
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Be Ready and Collaborate



Early Preparation

Have your materials ready before the semester begins to ensure a smooth start.



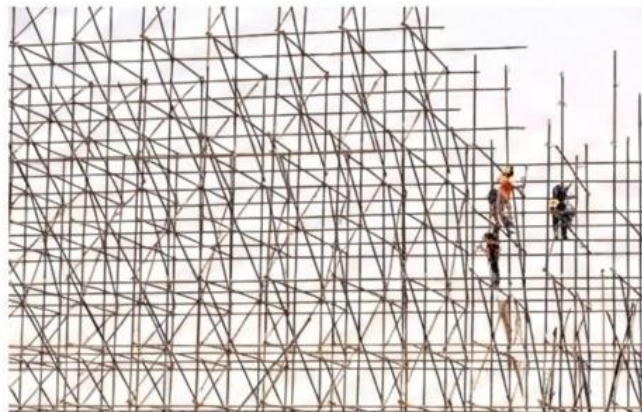
Professional Networking

Network with other dual credit teachers for tips and assignment collaboration.



* Contacting other schools is worth the effort for better collaboration.

Scaffold learning



1. Foundations

Learn citation basics: start at the junior/senior high school level.



2. Advanced Application

Transition to college level: master MLA vs. APA, and understand annotations.



3. Practical Examples

Create annotated bibliographies based on provided models.



4. Feedback and Coaching

Refine with individual student-teacher conferences.

Feedback Matters



Frequency is Key

Give feedback frequently through various channels like written comments, verbal check-ins, or peer reviews.



Be Specific

Make feedback targeted: highlight what was done well and provide actionable criticism with clear steps on how to improve.



Individual Conferences

Complete dedicated one-on-one sessions to provide personalized guidance and support for each student.



Leverage AI

Use Gemini GEMS to your advantage! It can assist with rubric creation and streamline the start of the grading process.

FORMATIVE ASSESSMENT FEEDBACK



VERBAL FEEDBACK



WRITTEN FEEDBACK



DIGITAL FEEDBACK



STUDENT FEEDBACK



VISUAL & CREATIVE FEEDBACK



PEER FEEDBACK



SELF-ASSESSMENT



SKILL IMPROVEMENT

OVERALL PROGRESS & GROWTH

IMPROVED LEARNING



Metacognition - Keep Working on It!



Student Awareness

Work on awareness and understanding of one's own thought processes



Holistic Learners

Build learners, not just subject knowledge

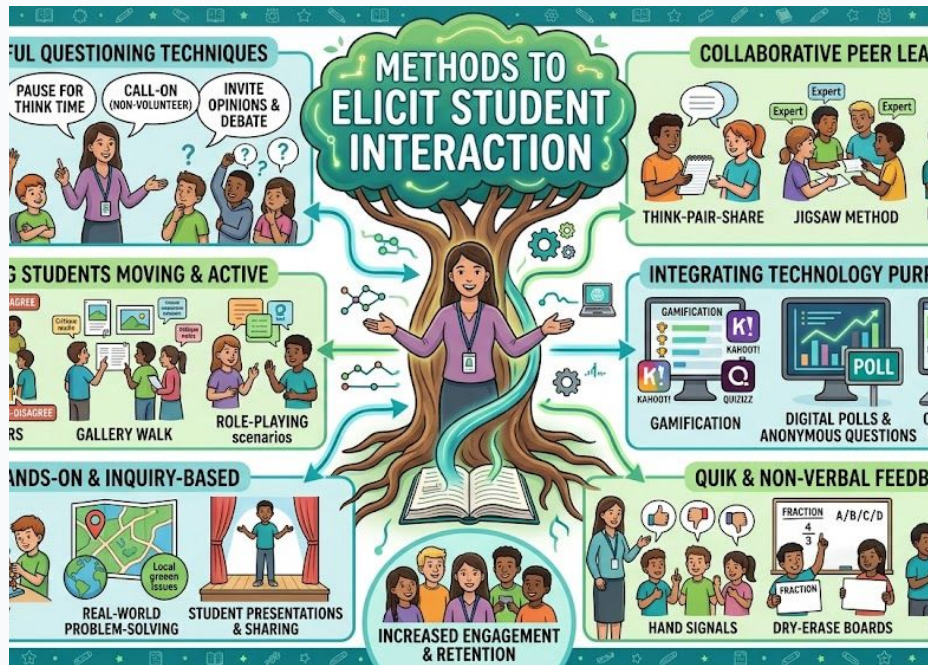


Identify Disconnects

Ask students where the disconnects are to improve understanding



Class Content and Behavior



Teach Annotations

Know the best type of annotations for your field of study



Discussion & Discourse

Use Discussion and Civil Discourse



Frequent Responses

Provide frequent opportunities for student responses (multiple times per class)

CIVIL DISCOURSE

LISTEN ACTIVELY



Hear to understand, not to refute.

Hearing contact

SEEK COMMON GROUND



Identify bridge.

Identify shared values.

SPEAK WITH RESPECT



Use inclusive language, avoid insults.

DISAGREE CIVILLY



Critique ideas, not individuals.

STAY CALM & POISED

Manage emotions for clarity.



INVITE OPEN DIALOGUE

Cultivate an open mind.



BETTER DECISIONS, STRONGER COMMUNITIES

KEY PRINCIPLES



ACTIVE LISTENING



SOCRATIC SEMINARS: A DIALOGUE OF INQUIRY



INNER CIRCLE:
PARTICIPANTS



INNER CIRCLE:
PARTICIPANTS

OUTER CIRCLE:
OBSERVERS



OUTER CIRCLE:
OBSERVERS

TEACHER FACILITATOR
(Guides without dominating)



MUTUAL SEARCH FOR UNDERSTANDING

Shared inquiry,
not debate.
Collaborative, not
competitive.

OUTCOMES & GROWTH

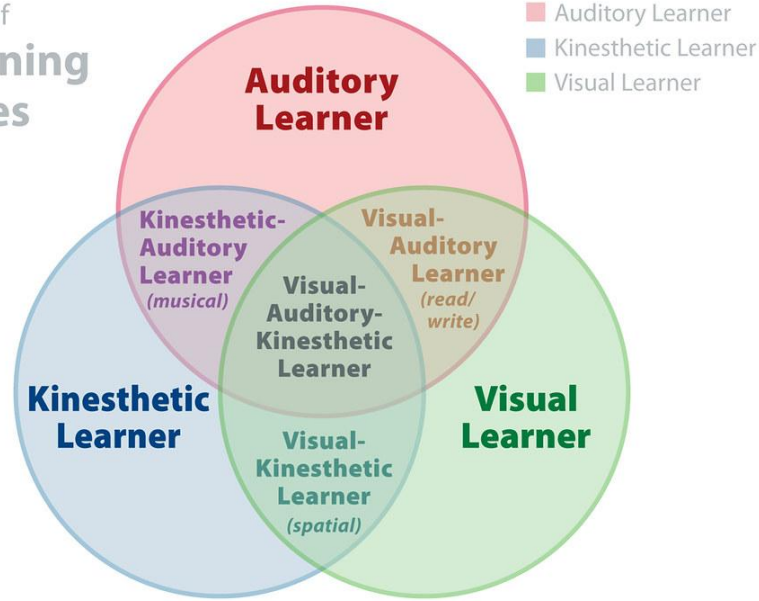


PHASES OF A SEMINAR



What Does A Class Period Look Like?

Types of Learning Styles



Venn diagram



Modes of Instruction

Use multiple modes (lecture, collaboration, discussion, etc.)



Student-Led Effort

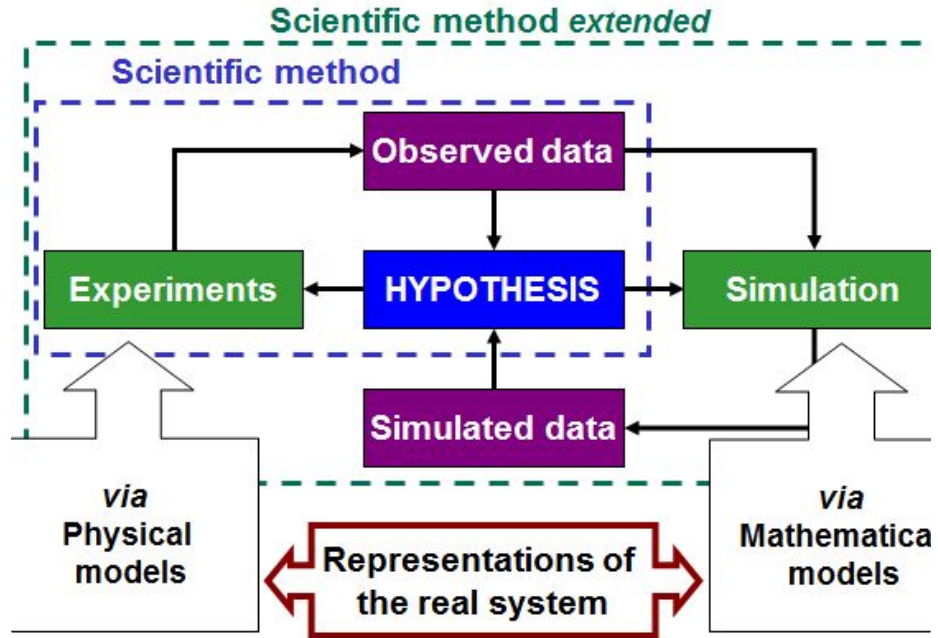
Students should be doing more work than the teacher!



Heads Up for Participation

Give a heads up when calling on shy or reluctant students

Lesson Inclusion



Higher Order Thinking

Use higher order thinking questions



Visual Integration

Incorporate visuals and images



Models & Examples

Use models and examples

'CRITICAL THINKING'



EMPOWERED THOUGHT & WELL-REASONED JUDGMENT

THE ART OF HOTQs: QUESTION STEMS

Analyze

- What is basic idea...?
- What mind...?
- What does... compare to...?

Evaluate

- What is information acquired...?
- What is the relationship...?

Synthesize

- What are concepts...?
- What solutions and solution...?

Hypothesize

- What is hypothesize...?
- What are thinking questions?

CRITICAL THINKING AND HIGHER-ORDER THINKING QUESTIONS: ELEVATE YOUR THINKING

WHAT WOULD HAPPEN IF...?

HOW WOULD YOU REDESIGN... FOR EFFECTIVENESS?

WHICH SOLUTION IS MOST VALID, AND WHY?

CREATE AN ALTERNATIVE...

HIGHER-ORDER THINKING: CREATION & SYNTHESIS

DEEP UNDERSTANDING & INNOVATION

THINKING ESCALATOR

THINKING ESCALATOR
PATH OF COGNITIVE ASCENT

CRITICAL THINKING:
ANALYSIS & EVALUATION

LOWER-ORDER THINKING:
RECALL & REMEMBER

What...?

Who...?

When...?

List...

FACTS

KNOWLEDGE FOUNDATION

HOW DOES... COMPARE TO...?

WHAT IS THE RELATIONSHIP BETWEEN...?

WHAT ASSUMPTIONS ARE BEING MADE?

WHY DID... OCCUR?

PROS & CONS

COMPONENTS

- OBSERVATION
- ANALYSIS
- EVALUATION
- INFERENCE
- OPEN-MINDEDNESS

UNDERSTANDING & INNOVATION

Actively Review



Continuous Review

Actively review as you teach.



Verbal Summaries

Use summaries and preview new information to create a path in instruction.



"To summarize briefly what was just discussed..."

Handling Questions



Clarify & Direct

Clarify directions, not just redirect students when they have questions.



Maintain Rigor

Do not water down lessons or reduce rigor just because students are in high school.



Circle Back

Revisit training when students struggle with new concepts.



Be open to questions outside class (email, before/after school).

Deadlines



Set firm deadlines and help students achieve them



Establish Timelines

Define clear and consistent deadlines for all major assignments from the start.



Create Milestones

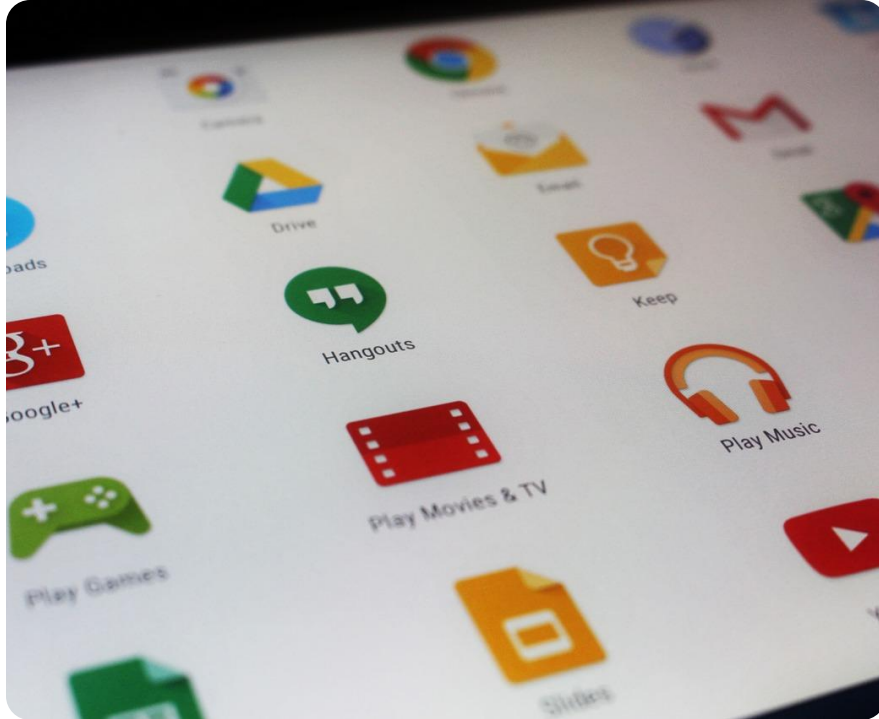
Break down larger projects into smaller, manageable intermediate due dates.



Consistent Communication

Reinforce deadlines across multiple channels like the syllabus, class calendar, and email.


Include Technology and Apps



Use technology apps and other review materials to counter learning loss (Keep scaffolding!!!)

 Provide links to your students

 **Core Platforms**
Khan Academy & IXL

 **Comprehensive Resources**
[List of Apps \(Not all inclusive\)](#)

ADVANCED LEARNING & ENGAGEMENT: KEY TECHNOLOGY TOOLS FOR HIGH SCHOOL AND HIGHER EDUCATION

Developing Complex Skills, Collaboration, and Knowledge with Digital Apps.

ADVANCED GAMIFIED REVIEW & COMPETITIVE LEARNING

Kahoot!

Quiz Games



Gimkit

Game-Based Review & Earning



QUIZZZ

Competitive Learning



DEEP PRACTICE & SKILL MASTERY

IXL

Math & Language Arts
Proficiency Progress



Gimkit

Game-Based Review & Earning



Khan Academy

Comprehensive Courses
& Video Lessons

Focus on ar an AP Calculus,
organic Chemistry, or
advanced topics



INTERACTIVE SEMINARS & ACADEMIC COLLABORATION

nearpod

Interactive Lessons
& Advanced Slides



PEAR DECK

Slides & Formative
Data Feedback



DIGITAL ECOSYSTEMS & COMMUNICATIONS

Google Classroom

Course Management
& Research Feedback



Turnitin

Plagiarism Detection &
Academic Integrity Feedback

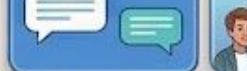
Microsoft Teams

Collaboration, Video
Meetings, & File Sharing



remind

messaging app



MULTIMEDIA SYNTHESIS & ACADEMIC PRESENTATION

Flipgrid

Video discussions
& Project Showcase

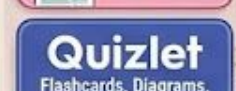


Canva

for Education

Advanced Design &
Research Presentations

Complex design outputs
like academic posters
or complex infographics



Quizlet

Flashcards, Diagrams,
& Learning Sets

Focus on academic terminology, biological
diagrams, or foreign language



wakelet

Content Curation
& Portfolio



wakelet

Content Curation
& Portfolio



Zotero

Citation Management

POWERING ACADEMIC GROWTH & CRITICAL THINKING
FOR THE 21ST CENTURY AND BEYOND

Cycle Back to Training



Reading Tips

Strategies for effective comprehension and critical analysis of text materials.



Studying Smarter

Focusing on high-impact study techniques rather than just increasing hours spent.



Organizing "Tools"

Streamlining your digital and physical resources for maximum classroom efficiency.

Incorporating Rigor in the Dual Credit Classroom

Feel free to contact
me at any time for
copies of any
resources or concepts
presented here.

Contact Information:

Mrs. Licia “Dee Dee” Gerber
Instructional Coach – MHS
Dual Credit Instructor
Ivy Tech Community College
Indiana University
gerberl@mishawaka.k12.in.us

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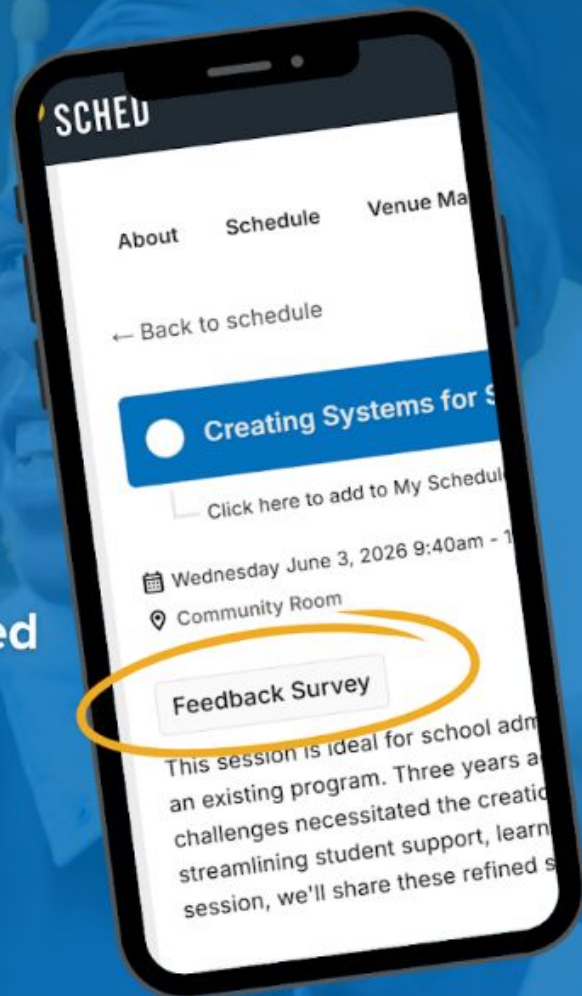
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