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Crushing Curiosity: How Information Literacy Can Hinder or Foster Student Engagement

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CRUSHING CURIOSITY: HOW INFORMATION LITERACY CAN HINDER OR FOSTER STUDENT ENGAGEMENT

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Describe a time when you felt motivated in a class or other learning environment.
Overview

- IL and motivation in a course redesign program
- Study findings
- Group activity: How can you make IL activities more motivating?
- Debrief and reflection time
Instruction Matters: Purdue Academic Course Transformation

- targets large, foundational undergraduate courses
- help instructors develop more student-centered learning environments
Support team

■ Incorporate:
  - Motivation
  - Information literacy
  - Educational technology
Motivation framework & learning

- **Self-Determination Theory**
  - Autonomy
  - Competence
  - Relatedness

- Satisfaction of 3 needs results in enhanced student performance and persistence.
  - Ryan & Deci, 2017
Our study: What about IL?

- Investigates the relationship between
  - IL and student performance
  - IL and student motivation

- Data from:
  - 3,000+ students in 102 course sections across 7 Purdue colleges
How do ways of enacting IL in the classroom relate to factors associated with student learning?

IL Questions:

• Pose questions or problems
• Access information outside of assigned readings and tasks.
• Evaluate information sources.
• Synthesize information and communicate the results
• Apply conventions of attribution.
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Student Perceptions:
- Learning Climate Questionnaire
- Basic Psychological Needs
- Situational Motivation Scale
- Perceived Knowledge Transfer Scale
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Course Grades

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Implications

■ Our choice of enacting IL in the classroom can foster—or hinder—student motivation.

■ What can we do?
  - Make space for choice (autonomy and curiosity)
  - Aim high (creativity)
Your turn

- Select a scenario: 1, 2, 3
- Brainstorm ways to redesign an IL instructional scenario to promote
  - Autonomy
  - Curiosity
  - and/or creativity
Reflection

■ What are some ways you can factor motivation into your information literacy activities?
References
