PIE Workshop:
Formative Assessment and Review Strategies
March 23, 2017

While we've highlighted some of our favorite examples of formative assessments and review strategies, we don't have time to cover all the resources that we wanted to share with you!

FORMATIVE ASSESSMENT

Online Training for Maximizing the Value of Assessments in your Classroom
http://acue.org/course/#assessing

"Modules in this unit present techniques to develop, administer, and grade assessments and detail how to prepare your students for exams without "teaching to the test.""
Modules in the training include:
- Developing fair, consistent, and transparent grading practices
- Developing and using rubrics and checklists
- Providing useful feedback
- Checking for student understanding
- Using student achievement and feedback to improve your teaching

The Innovative Instructor Blog Article on Formative Assessment
http://ii.library.jhu.edu/tag/formative-assessment/
The Innovative Instructor blog was created as a resource for university faculty at Johns Hopkins University to share best teaching practices. This blog post describes the characteristics of formative assessments and includes sources on formative assessment from the primary, peer-reviewed literature.

Faculty Development Course Materials on Formative Assessment Purpose & Strategies
https://www.bethel.edu/faculty-development/classroom-based-assessment
On this website, there is a link to a document titled "formative assessment strategies" and it covers the following material:
- What is formative assessment?
- Why should you use formative assessment in your classroom?
- What are the guidelines for creating formative assessments?
- What are examples of formative assessment strategies? (52 examples!)

REVIEW STRATEGIES & METACOGNITION

Teaching in Higher Ed Podcast
Episode 132 - "Teach Students How to Learn"
http://teachinginhighered.com/podcast/teach-students-learn/
The teaching in Higher Ed Podcast is a weekly production by Dr. Bonni Stachowiak and focuses on how to be more effective at facilitating learning in a college setting. The format of the podcast is interview/discussion and both Bonni and the guests share best practices and resources on each topic. In this episode, Dr. Sandra McGuire discusses how she develops metacognitive strategies in her students.

Dr. Sandra McGuire

I first learned about Dr. McGuire's work on developing metacognition in her students from the Teaching in Higher Ed Podcast. I found two resources from her that I would highly recommend:

1. Interview with Dr. McGuire: https://community.acue.org/blog/saundra-mcguire-strategies-empower-student-learning/
2. Presentation Dr. McGuire delivered to students in introductory chemistry after the first exam to help them self-reflect and develop more effective review strategies: https://goo.gl/yYJrQ7

Retrieval Practice

Retrieval practice is where you practice pulling information out (rather than stuffing information in!). Pooja Agarwal, one of the experts on retrieval practice leaves us with this food for thought: "When we think about learning, we typically focus on getting information into our students' heads. What if instead we focus on getting information out of our students' heads?"

1. Background on Retrieval Practice from expert, Pooja Agarwal: http://www.retrievalpractice.org/
2. Teaching in Higher Ed Podcast, episode 127 "Retrieval Practice Tools": http://teachinginhighered.com/podcast/retrieval-practice-tools/
3. Teaching in Higher Ed Podcast, episode 94 "Retrieval Practice": http://teachinginhighered.com/podcast/retrieval-practice/
4. Examples of Retrieval practice tools:
   a. Poll Everywhere: https://www.polleverywhere.com/
   b. Slido: https://www.sli.do/
   c. Kahoot: https://getkahoot.com/how-it-works

INSTRUCTIONAL RESOURCES AT FSU

FSU offers lots of resources to help instructors design fair and effective assessment.

1. Systematic Instructional Design: https://distance.fsu.edu/instructors/systematic-instructional-design
2. Design for Online Learning: https://distance.fsu.edu/instructors/designing-online-learning
3. Instructional Strategies: https://distance.fsu.edu/instructors/instructional-strategies

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MY NOTES: