WELCOME!

ZOOM REMINDERS

1. Test your Audio Devices
   - Click the arrow on the Mute/Unmute button and select Test Speaker and Microphone
   - Remain on mute while others speak

2. Prepare to Participate
   - Click to open the Participants panel and Chat. Click and drag to place them where you like.
   - Grab another device, if handy

3. Get Ready for the Session
   - Press the ESC key to exit full screen mode

Where are you joining from today?
Enhance Student Learning using Embedded Student Success Tools

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PennState
Participants will be able to...

- Summarize the benefits of embedding student success tools (the study guide and exam wrapper) into their courses

- Apply Depth of Knowledge to student thinking and course assessments

- Recreate study guides for student success using Depth of Knowledge as a framework
Students’ stories
Embedding Academic Success Tools into Courses

“...there are strong pedagogical arguments for adopting an embedded approach wherever possible” (McWilliams & Allan, 2014, p. 1).

Seay (2006) advocates for faculty to embed study skills and other tools because “students do not have a realistic assessment of what success in college entails” (p. 27).
More reasons to embed Academic Success Tools into Courses

Curriculum and instruction techniques influence student retention (EPI, 2004)

Academic engagement, specifically linked to grade performance and intellectual development, promote student retention (Tinto, 1975, 1993)
Helping students to align their Academic Self-Concept

- Study guides
- Exam Wrappers
Embed academic success tools to aid in student development of academic self-concept

a DoK Study Guide
Bloom (1956); Revised Anderson & Krathwohl (2001)

(Miller, 2018)
Relationship between Depth of Knowledge and Bloom's Taxonomy

DoK Levels | New Version of Bloom's Taxonomy
---|---
1 | Remembering
2 | Understanding
3 | Applying
4 | Analyzing
| Evaluating
| Creating

Can the learner recall or remember the information?
Can the learner explain ideas or concepts?
Can the learner use the information in a new way?
Can the learner distinguish between the different parts?
Can the learner justify a stand or decision?
Can the learner create new product or point of view?

http://www.odu.edu/educ/lilschult/blooms_taxonomy.html

Depth of Knowledge was developed through a ten-state grant initiative to streamline Bloom's taxonomy to facilitate state-wide assessments.
What is Depth of Knowledge?

DOK 1
- **RECALL & REPRODUCTION**
  - Recall of facts
  - Definition of procedure

DOK 2
- **SKILLS & CONCEPTS**
  - Compare
  - Basic reasoning

DOK 3
- **STRATEGIC THINKING**
  - Planning
  - Complex reasoning

DOK 4
- **EXTENDED THINKING**
  - Synthesis of information
  - Interpretation of data to solve problem

(Miller, 2018)
Depth of Knowledge

Cognitive Demand – Brain sweat
Use the DOK to make sections on your study guide.

• Share the expectations of demonstrating learning with the students
• See Example in Materials Folder (1.DoK Study Guide Example)
Map out the DOK with the Assessment Grid

• Utilizing elements of backward design

• Trying to determine if there is a variety of DoK represented in the course or if the course is not moving students beyond DoK 1.

• See handout. (2.AssessmentGrid_Mapping to DOK)
How can you see the DoK Study Guide information informing your teaching practices?

PollEv.com/danimccauley059
The Exam Wrapper

- Study
- Take Exam
- Receive Feedback
- Reflection (Exam Wrapper)
- New Study Plan
Example Questions on the Exam Wrapper

• What did you use to study for the exam? (Notes, Textbook, Lecture Recording)

• How many days in advance did you start to study?

• When you turned in your exam, what letter grade did you think you had earned?

• How did your actual grade match your expectation?
Review

- importance of embedding academic success tools
- a review of Bloom’s
- an overview of Webb’s Depth of Knowledge
- a sample DoK Study Guide
- an Assessment Grid
- a sample Exam Wrapper
How will you implement today’s ideas?

https://padlet.com/dbe5082/OLCReflection
Evaluate Sessions and Win!

- Navigate to specific session to evaluate
- Select “Evaluate Session” on session details screen
  - Complete session evaluation*

*Each session evaluation completed (limited to one per person per session) = one contest entry. **Five (5) $25 gift cards** will be awarded


