Poll

How would you rate your level of experience with active learning *online*?

a. I did not know active learning was possible online.

b. I'm aware of active learning online, but haven't used it in my course(s).

c. I use some active learning strategies in my online course(s).

d. I'm a pro! I use active learning all the time online!

How would you rate your level of experience with active learning online?

When poll is active, respond at **PollEv.com/cdistributed004**
Text **CDISTRIBUTED004** to **37607** once to join

I did not know active learning was possible online.

I'm aware of active learning online, but haven't used it in my course(s).

I use some active learning strategies in my online course(s).

I'm a pro! I use active learning all the time online!

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Active Learning: Techniques and Tools for Any Modalities

Faculty Seminars in Online Teaching | March 27, 2019

Jessica Waesche, Ph.D.
Lecturer
Department of Psychology

Anchalee Ngampornchai, Ph.D.
Instructional Designer
Center for Distributed Learning

Seminar Objectives

- Demystify the concept of active learning

- Identify benefits of active learning for students

- Discuss active learning strategies and tools for online courses

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Poll

Which of these reflects your most concern or curiosity? Select up to two.

   a. The concept of active learning (What is active learning?)

   b. Active learning in a large class

   c. Active learning in an online class

   d. Effectiveness of active learning

   e. Active learning techniques

Which of these reflects your most concern or curiosity?

When poll is active, respond at **PollEv.com/cdistributed004**
Text **CDISTRIBUTED004** to **37607** once to join

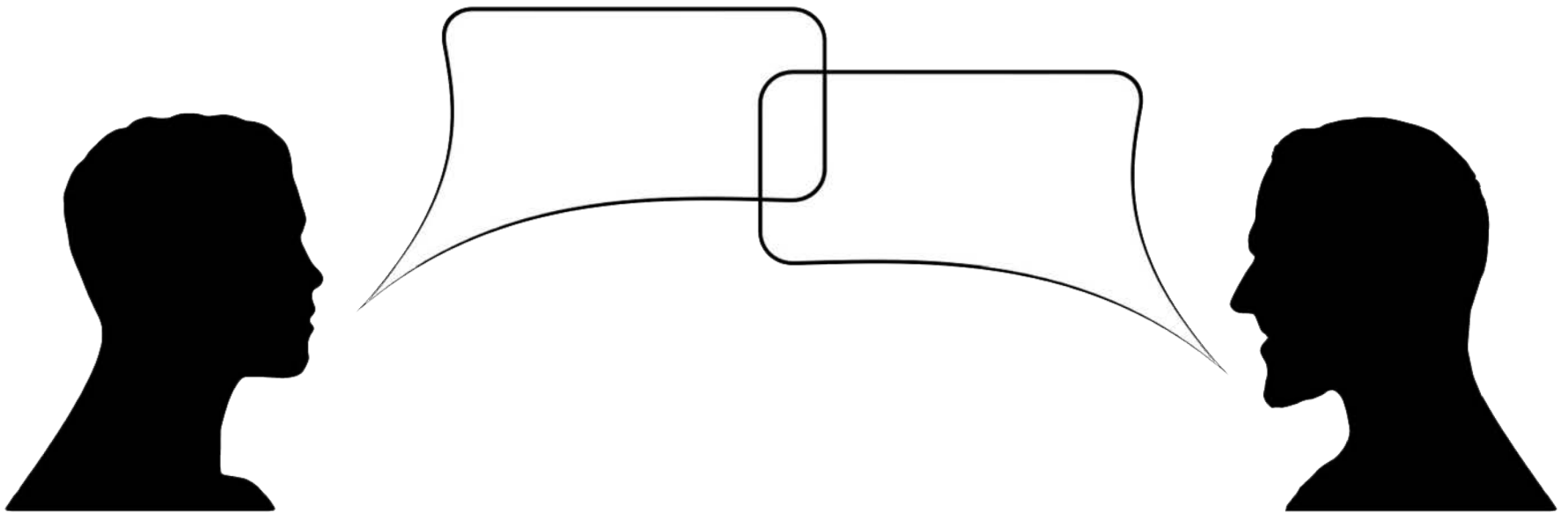The concept of active learning (What is active learning?)

Active learning in a large class

Active learning in an online class

Effectiveness of active learning

Active learning techniques

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Assumptions About Active Learning

Assumptions About Active Learning

Active learning is a new trend.

Active Learning:

- Learn by engaging in meaningful activities
- Learners take increasing responsibility for their learning

Cognitive Information Processing:	**Metacognition**	**Discovery Learning**	**Situated Cognition**
Enhance encoding	Note taking	Meaningful learning	Participation
Practice	Goal-setting	Existing knowledge or structure	Community of Practice
Organizing concepts	Memory capacity		Apprenticeship
	Self-regulatory		

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Active Learning - Constructivism

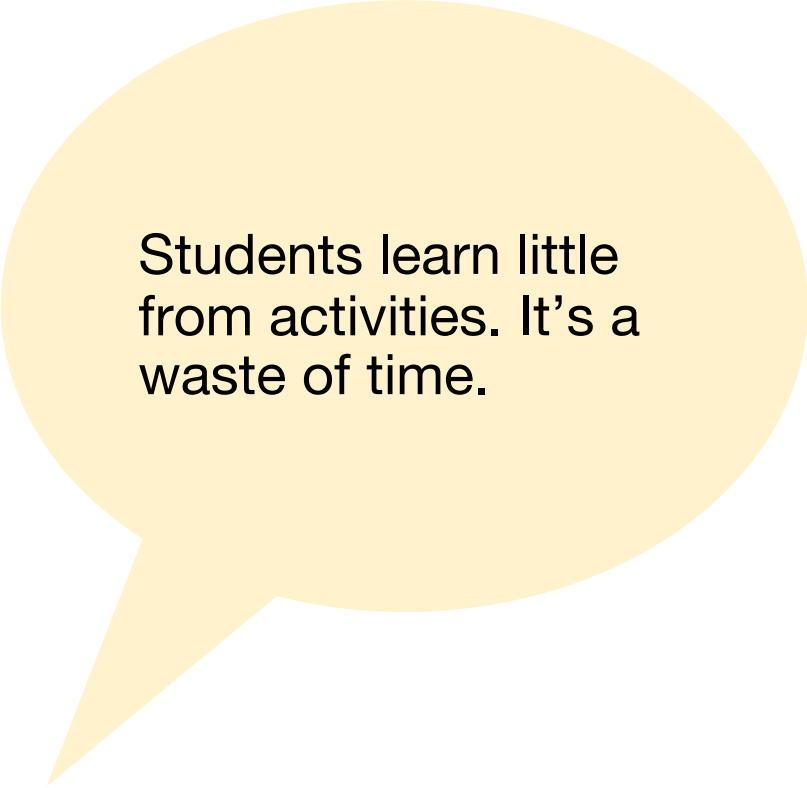Holistic - Parts

Meaning - Words

Authentic - Rote

Lev Vygotsky
(1896 - 1934)
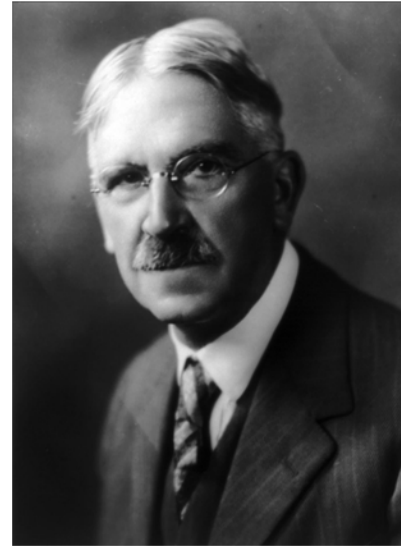
John Dewey
(1859 -1952)

Experience

Society
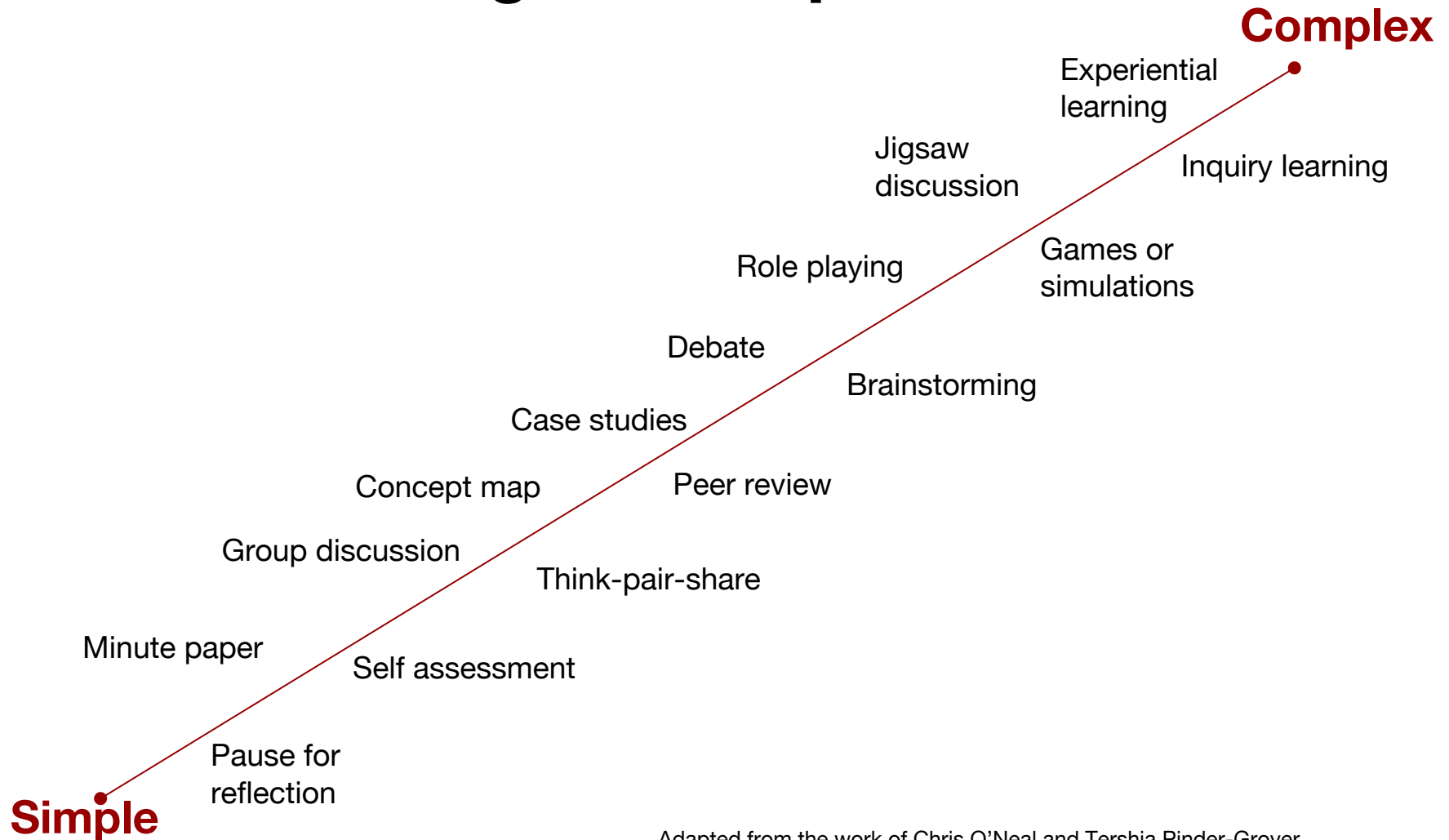
Context

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Assumptions About Active Learning

Students learn little from activities. It's a waste of time.

Active learning takes time to prepare.

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Active Learning Techniques

Complex

Experiential learning

Inquiry learning

Jigsaw discussion

Games or simulations

Role playing

Debate

Brainstorming

Case studies

Concept map

Peer review

Group discussion

Think-pair-share

Minute paper

Self assessment

Pause for reflection

Simple

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Assumptions About Active Learning

Active learning can only be done face-to-face.

Online Learning - Active Learning

"Because of the increased responsibility for learning placed on the students at a distance, methods that focus on the learners and incorporate interactivity have been shown to be most successful."

-- Simonson et al. – Authors of

*Teaching and Learning at a Distance: Foundations of Distance Education*

"Vygotsky's theories remind us that we learn as social beings within a social context. The online community is part of what makes this happen for some students."

-- Dr. Judith V. Boettcher - Author of

A Faculty Guide for Moving Teaching and Learning to the Web.

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UCF Modalities
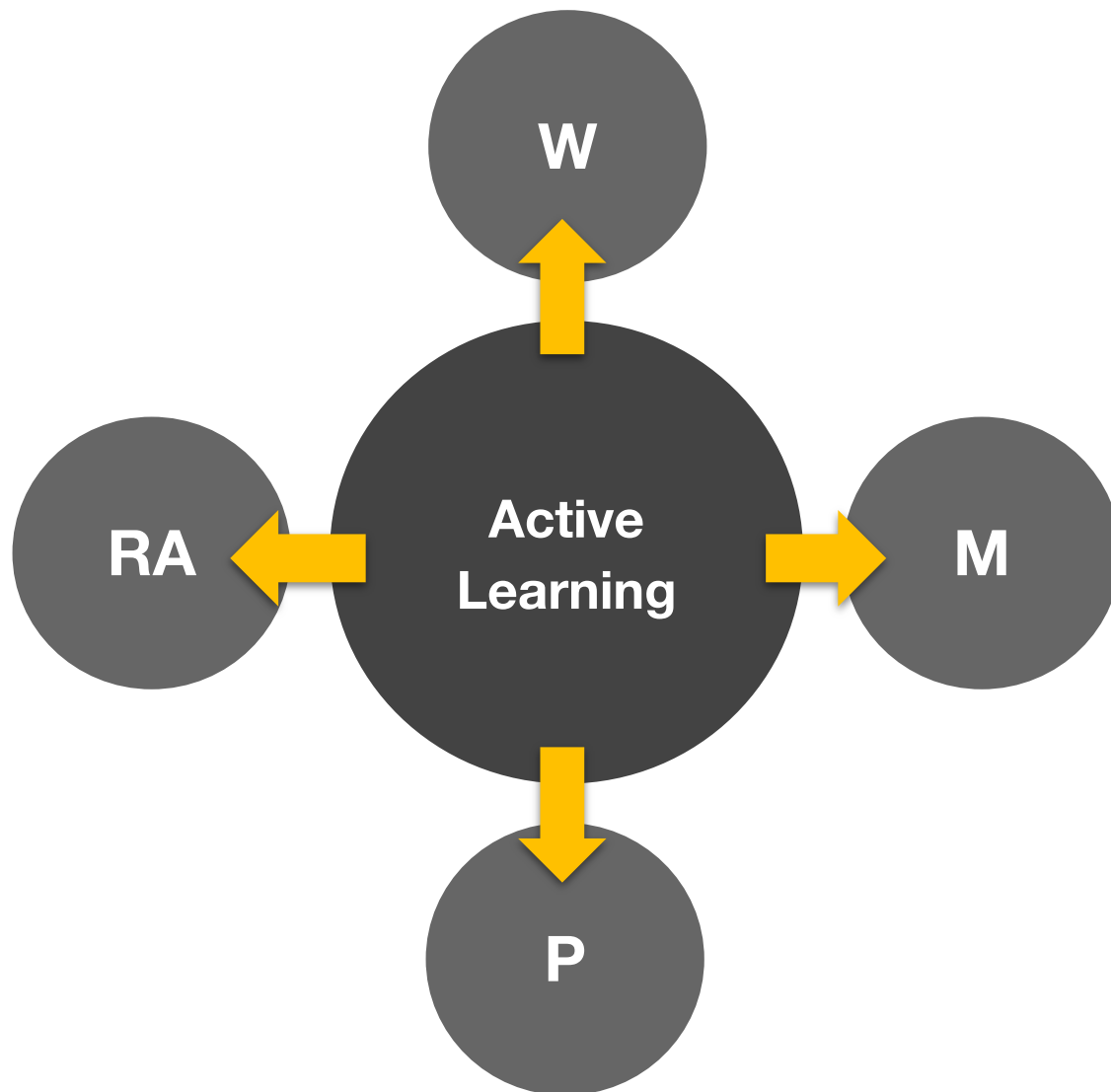
- Instructor as facilitator
- Learner-centered
- Student collaboration
- Problem-based learning
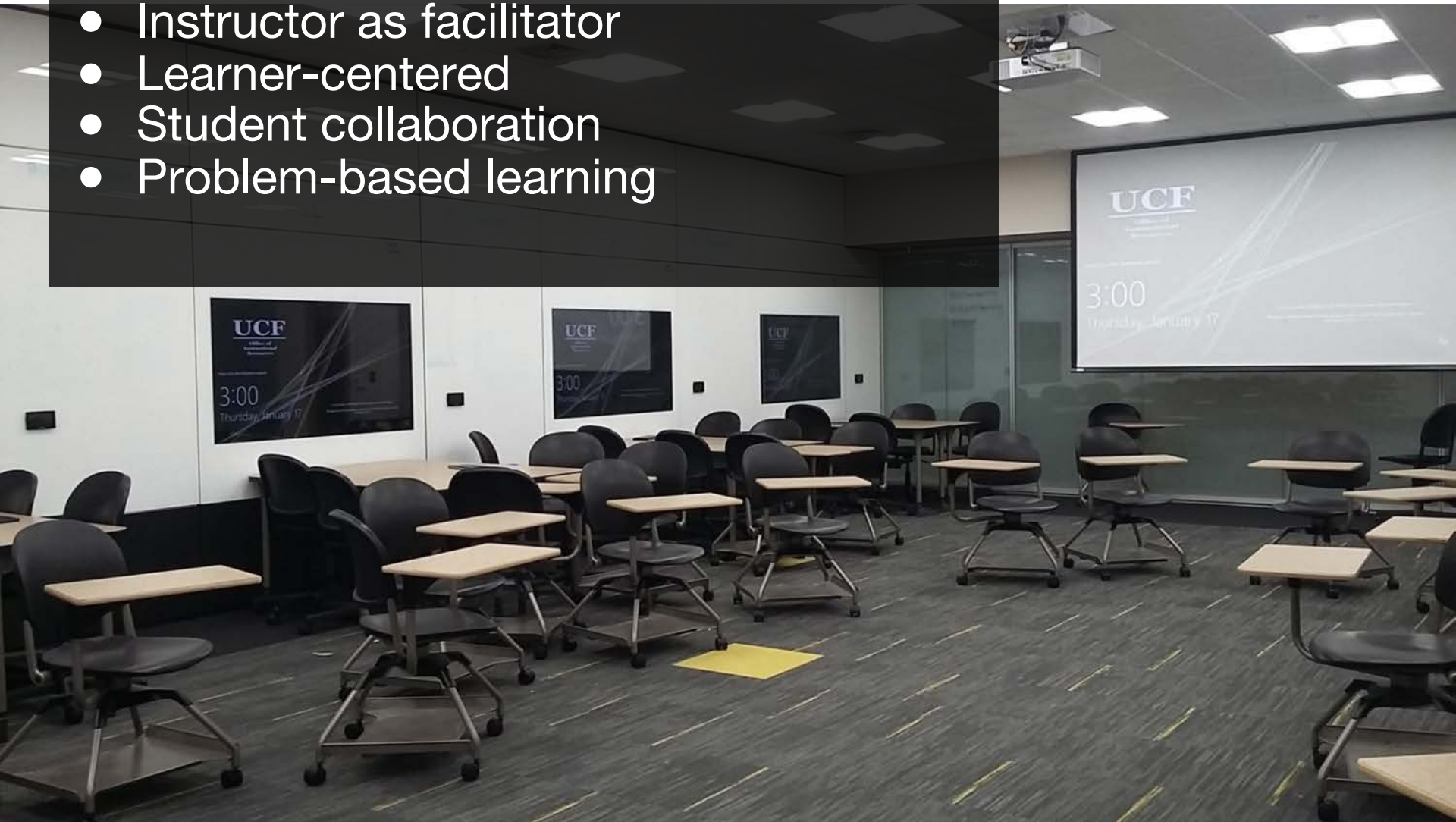
Benefits to Students

- More engaged in lessons

- Make better connections between concepts or information

- Develop more critical thinking and analytical skills

- Develop better communication and leadership skills

- Develop learner autonomy and metacognition

create

evaluate

analyze

apply

understand

remember

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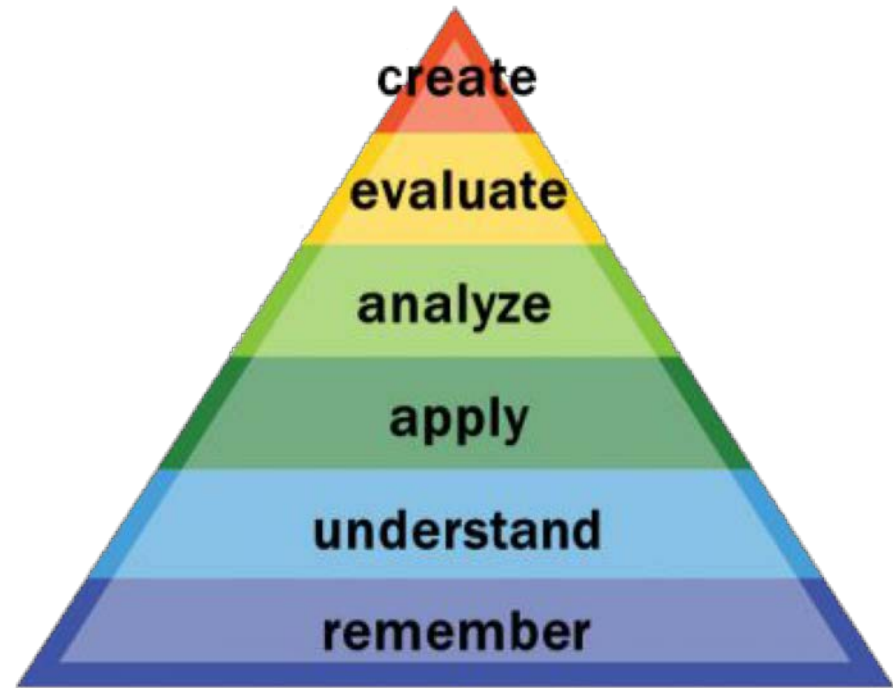
Active Learning Online

Active Learning Online

- Use Webcourses@UCF Tools, including:
  - Materia
  - Polls
  - Discussion boards (can make small groups)
  - Surveys (can be non-graded or anonymous)
  - Peer review
  - Collaborations (Google docs)

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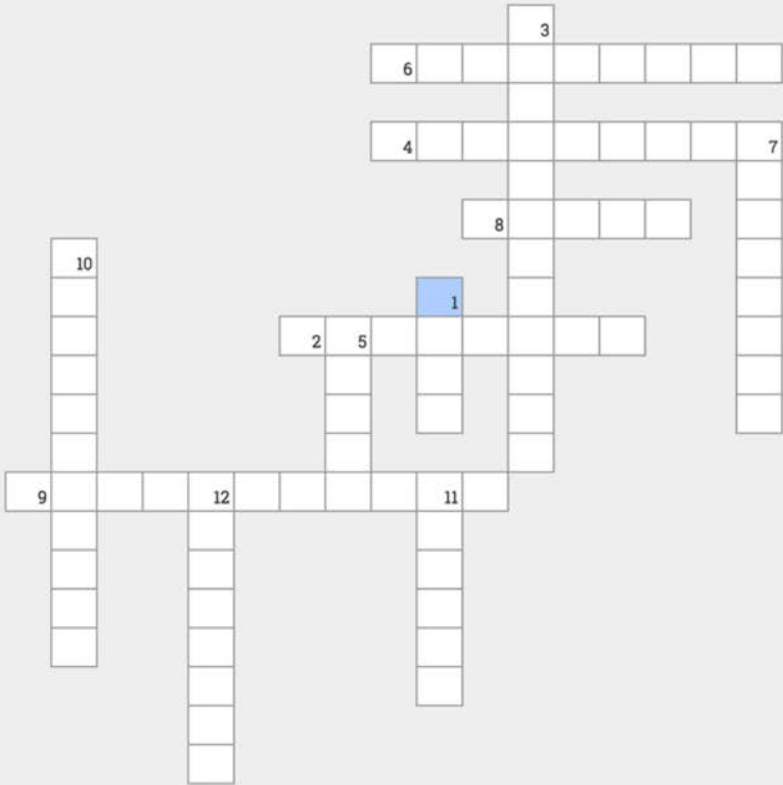
Materia

- UCF-created integration

- Graded "games"

- Scores import to Webcourses@UCF (Canvas) gradebook

- Materia.ucf.edu

Materia Example

Materia Example

Polls

- Similar to in-class clickers
- Embedded into any content page
- Step by step how-to:
  https://cdl.ucf.edu/support/webcourses/guides/polls/

Would you be comfortable using aversion therapy with clients?

- Yes
- Maybe, under certain circumstances
- No

✓ Vote   👁 View Results

Role-Play Discussions

- Role play or role immersion activities encourage active engagement with course material
  - Resource: Minds on Fire by Mark Carnes
- Discussion groups feature to make smaller groups
- Assign each group member a "character" to play
- Discuss an issue or try to solve a problem "in character"
- Multiple due dates
- Example: Abnormal Psychology

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You're the Professor

- Students engage with course material by generating their own test questions
  - Resource: Ann Gleig, UCF Faculty Focus, Vol. 15, No. 1 (2016)
- Small group discussion format
- Students generate and post multiple choice questions based on course content
- Students respond to questions posted by other students
- Students respond with correct answers to their own questions

Application Assignments

- Apply course material to "real life"

- Provide hypothetical case examples for students to analyze

- Ask students to apply concepts to their own lives

- Example: Behavior Therapy in Practice

Survey Results

Did the assignment help you learn course material?

Survey Results

Should this assignment be given in the future?
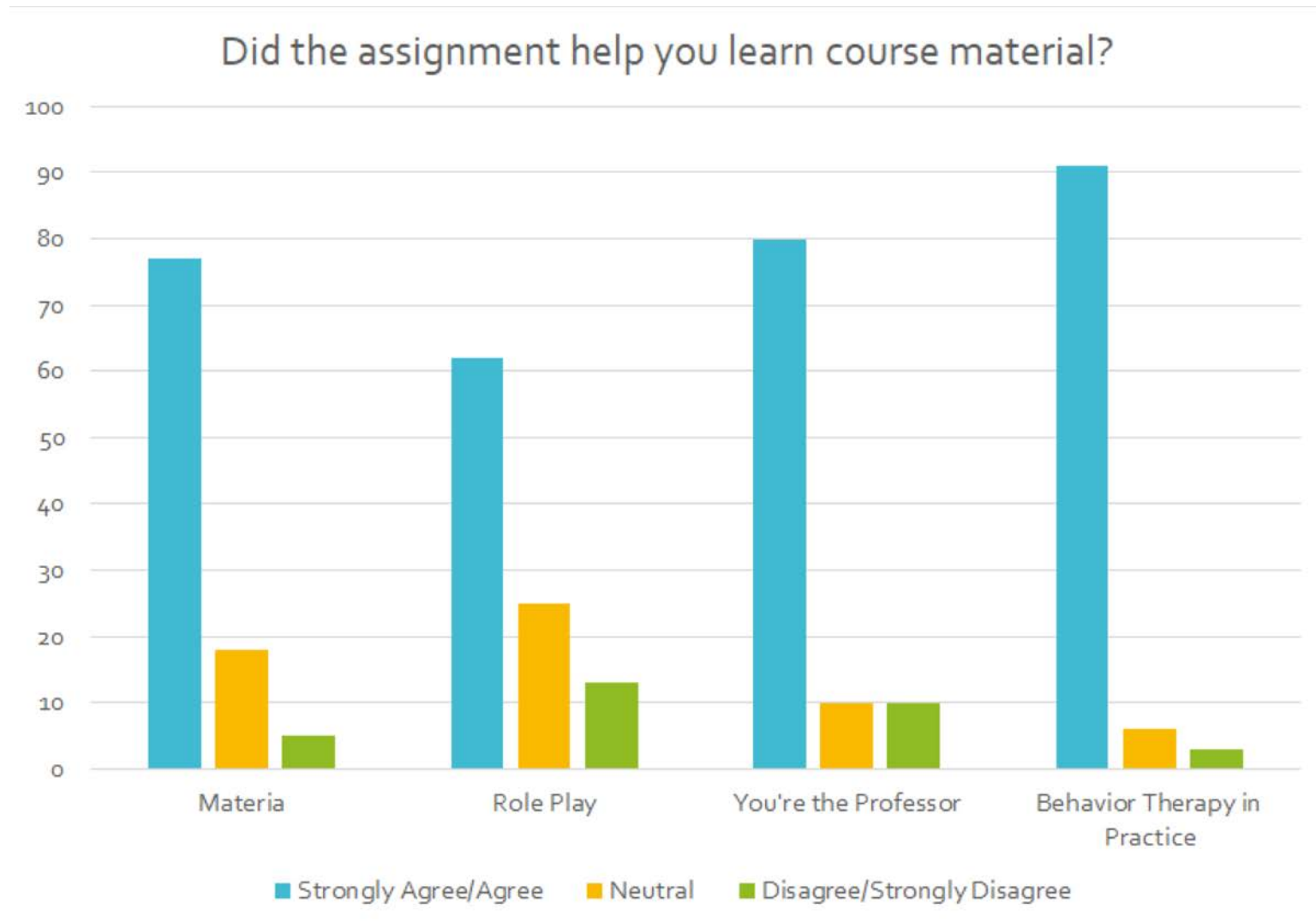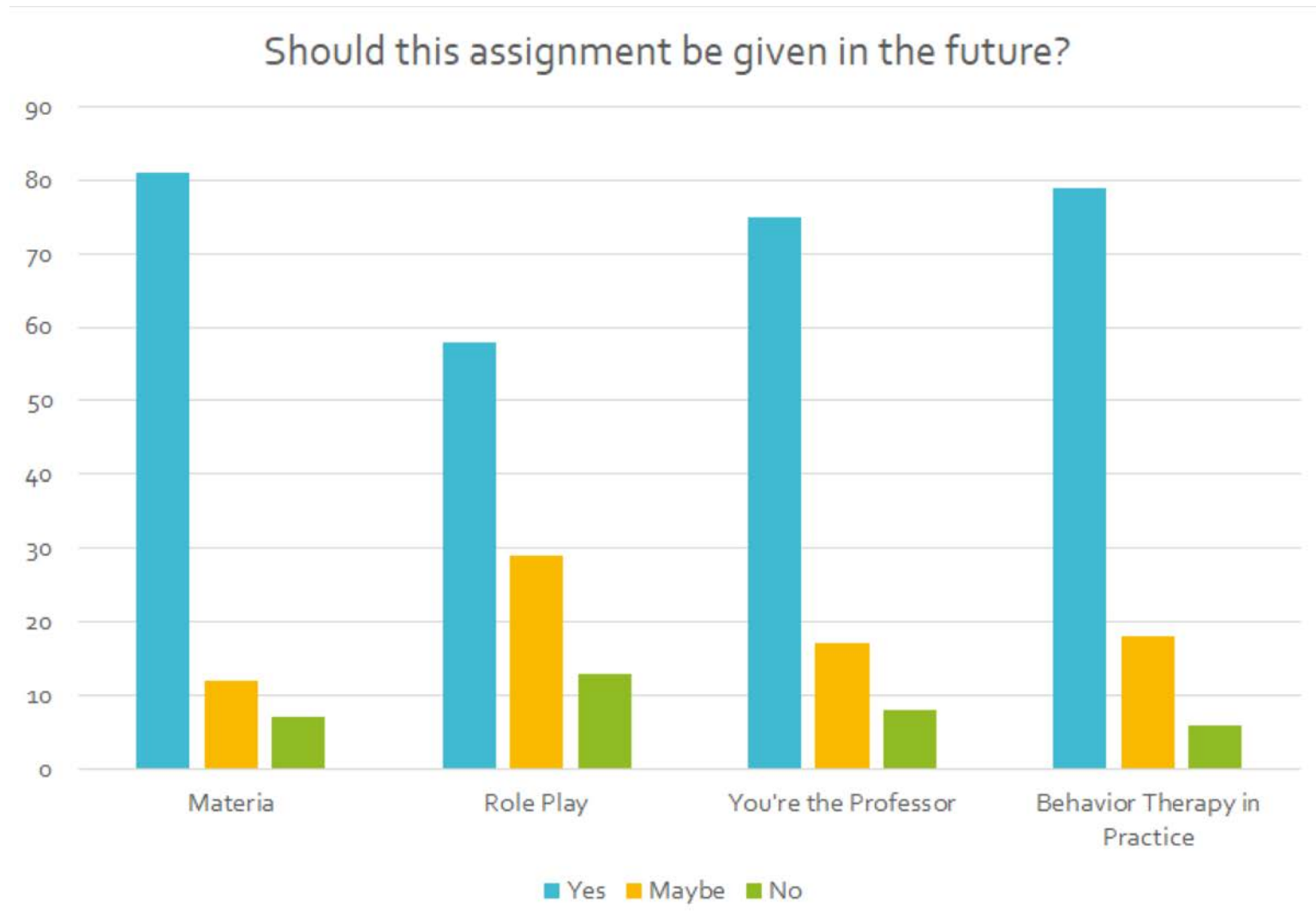
Creating Active Learning Activities

- Think about what you want students to know or be able to do
- Use technology to help you
- Think about scale
- Be creative

Last Poll

One or two words that you're taking away from today.

One or two words that you're taking away from today.

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Questions

Jessica Waesche, Ph.D.
Lecturer
Department of Psychology
Jessica.Waesche@ucf.edu

Anchalee Ngampornchai, Ph.D.
Instructional Designer
Center for Distributed Learning
anchalee@ucf.edu

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