



Enhancing Active & Collaborative Learning in
Flexible Course Design and Delivery

Housekeeping



Please use the chat function for discussion and post any questions to the facilitators using the Q and A feature.



This session is interactive so you will need access to an internet browser (via mobile device or other screen) throughout the webinar.



This session will be recorded and the recording will be made available to those unable to attend synchronously.



Supplemental materials, including this presentation, will be circulated to registered attendees and available online on our respective CSAHS and LANG websites.

Welcome

Dr. Sara Mann

Interim Dean and Associate Dean (Academic)
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Your Facilitators

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Supporting Flexible Instructional Skills Development: Webinar Overview

- *Wednesday, May 20: Debriefing Winter 2020: A Shared Reflection*
- *Wednesday, May 27: Finding and Using Open Educational Resources (OER) in the Classroom*
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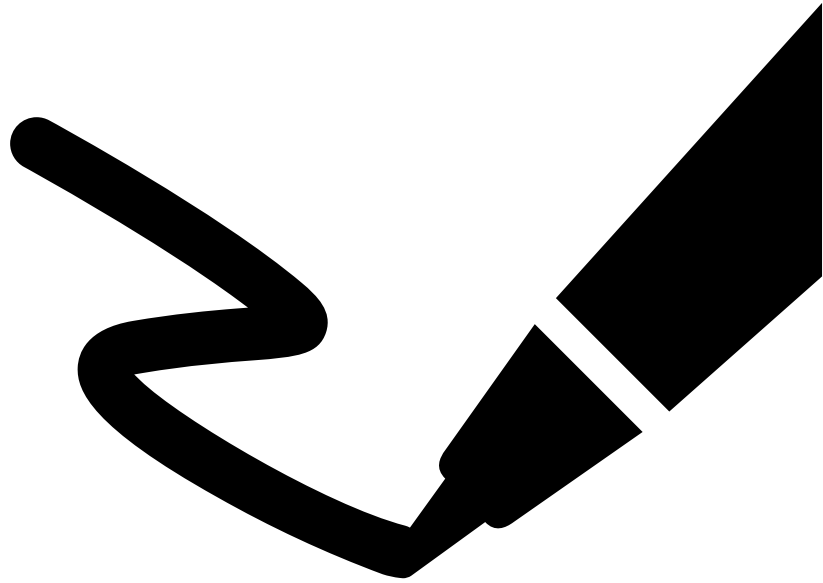
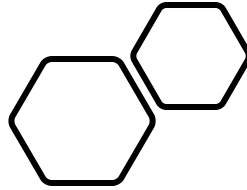


Let's get started

By the end of today's session, we will

- Define and summarize active and collaborative learning techniques; and
- Discuss how active and collaborative learning techniques can be applied in a remote teaching environment

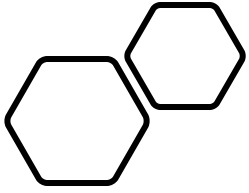




What do you think?

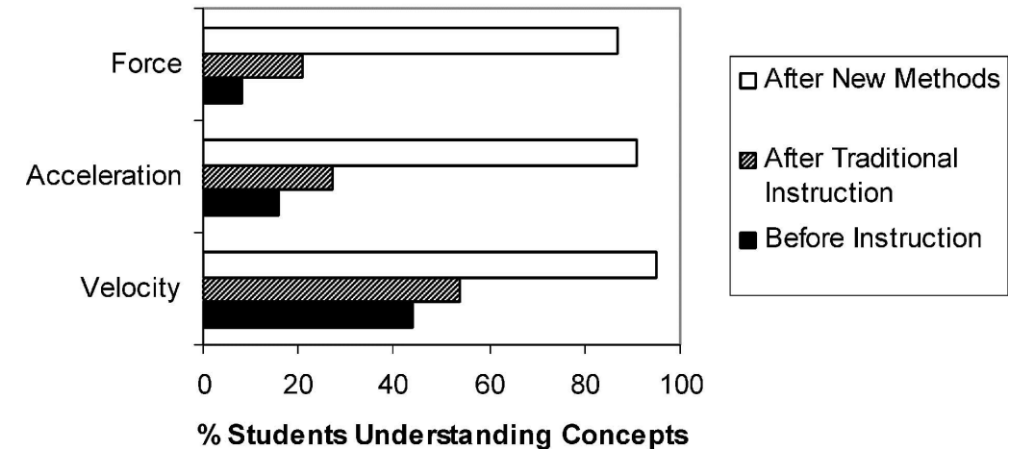
What does **active learning** mean to you?

Please go to [menti.com](https://www.menti.com) and enter your response.



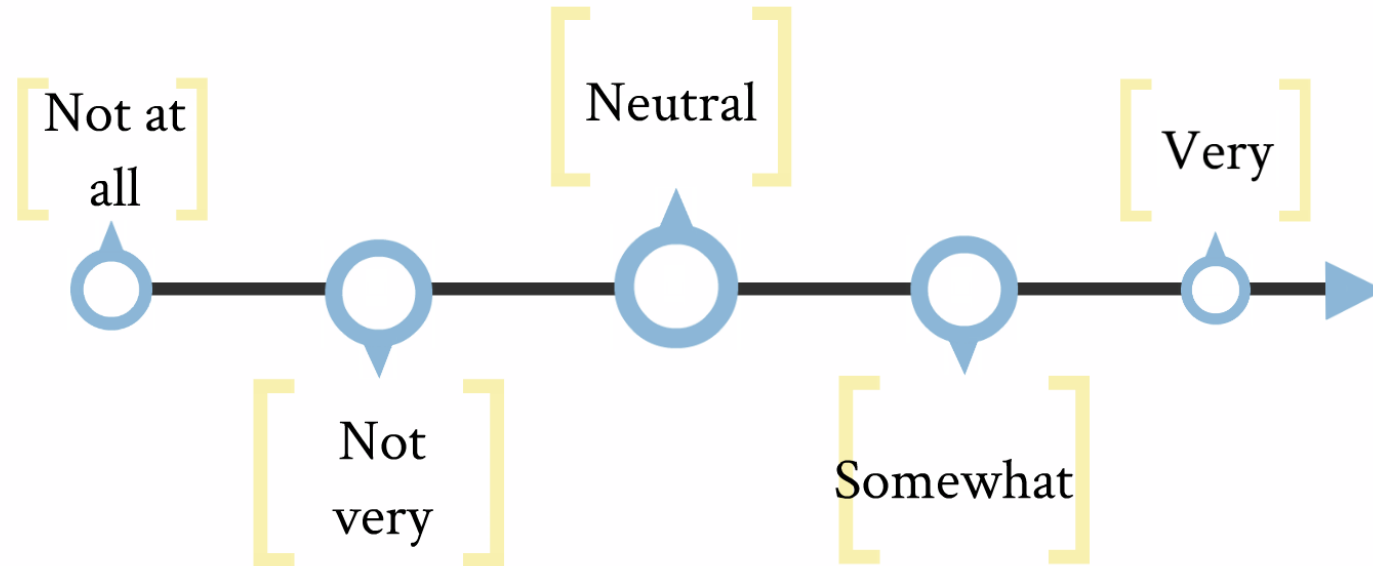
Active learning

- “Any instructional method that **engages** students in the learning process” (Prince, 2004)
- “Requires students to do **meaningful learning activities** and think about what they are doing” (Prince, 2004)

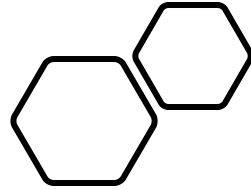
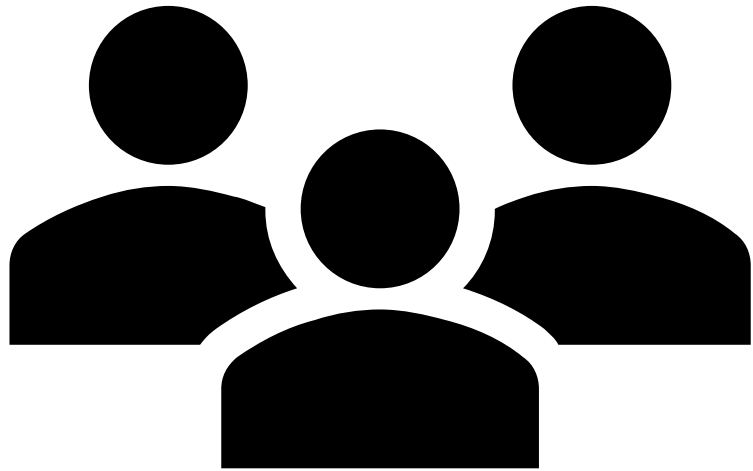


The Value Line

How comfortable are you facilitating active learning in your classroom?



Please go to [menti.com](https://www.menti.com) and enter your responses.



How does collaborative learning fit in?

Please go to menti.com to discuss with us.

Collaborative Learning

Collaborative learning is defined as “a set of teaching and learning strategies promoting student collaboration in small groups [...] to optimise their own and each other’s learning” (Johnson & Johnson, 1999).



Benefits of Using CL Techniques

Benefits

- Development of higher-level thinking, oral communication, self-management, and leadership skills.
- Promotion of student-faculty interaction.
- Increase in student retention, self-esteem, and responsibility.
- Exposure to and an increase in understanding of diverse perspectives.
- Preparation for real life social and employment situations.

Challenges of Using CL Techniques

Challenges

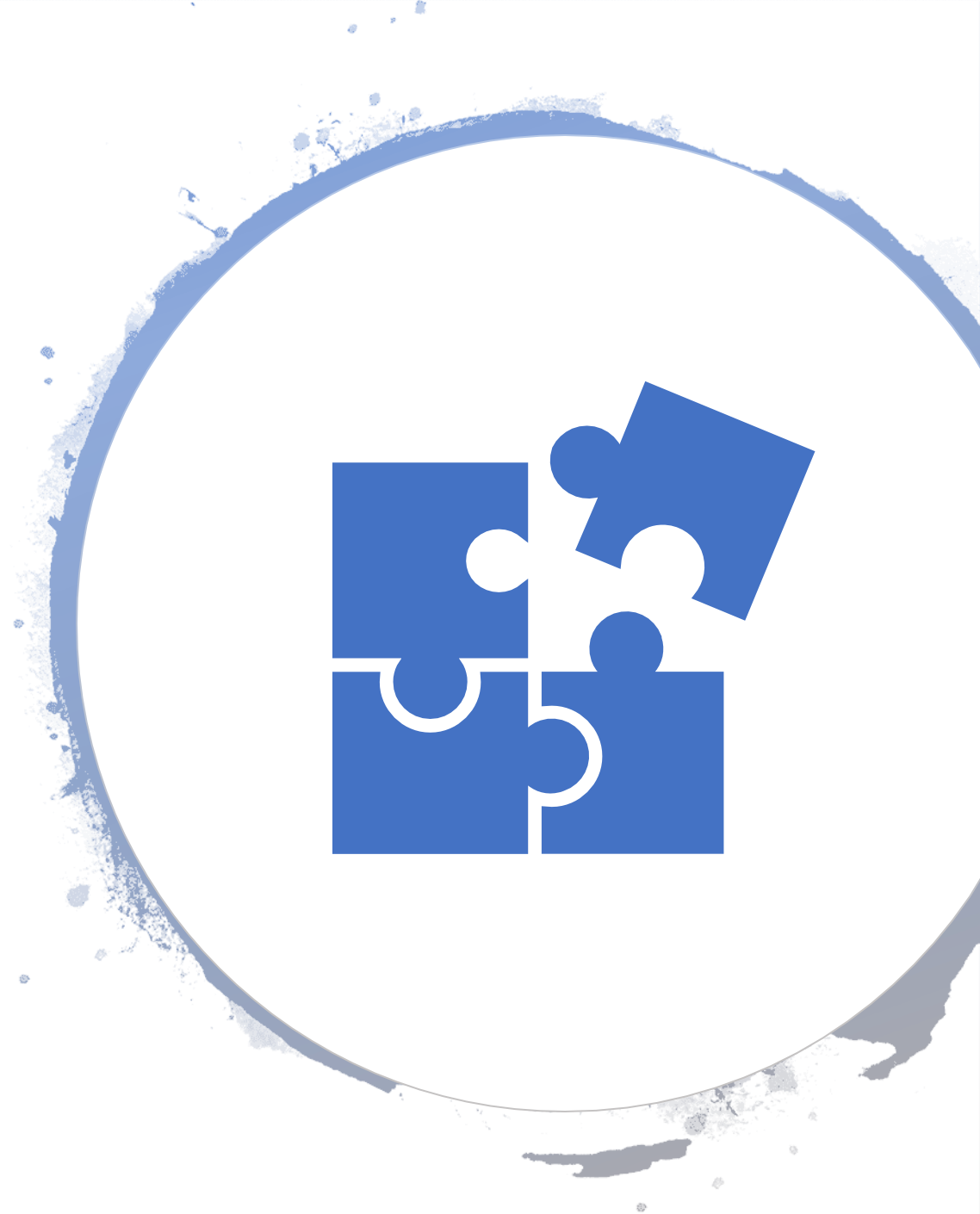
- May require more instructor preparation.
- Perceived as more effort on students.
- Ensuring equity in contribution of all learners.
- Classroom management (e.g., learner-learner conflicts).
- Implementing into online and blended learning environments.

Technique Brainstorm

What techniques are you familiar with? Get ready to share!

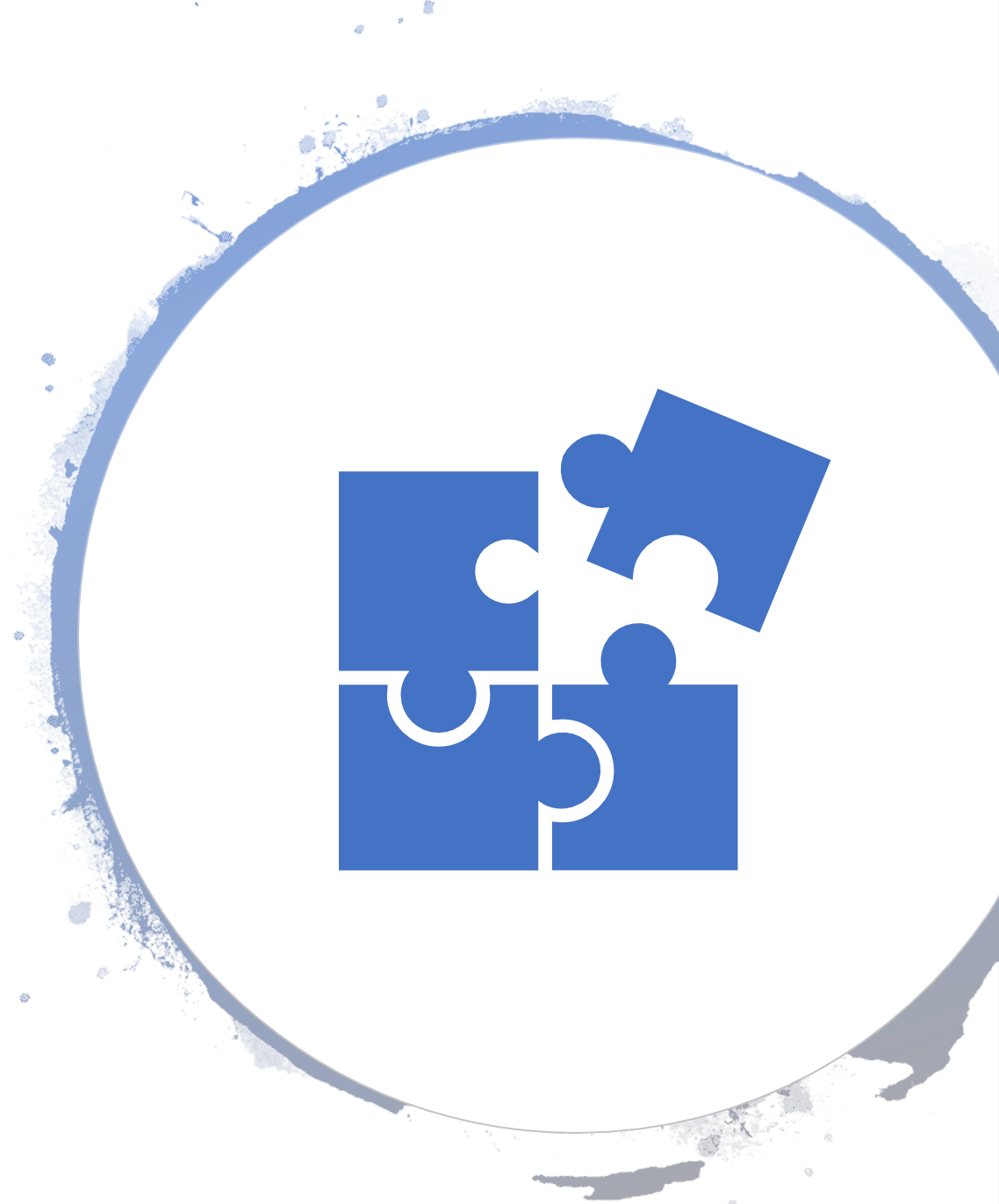
Techniques

- Think-Pair-Share
- Jigsaw
- Affinity Grouping
- Clusters
- Divide and Conquer
- Turn to a Partner and...
- Group Surveys
- Send a Problem/Speed Dating
- Learning Cells

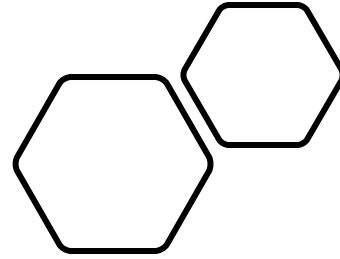


Techniques

- Timelines
- Hierarchies
- Concept Mapping
- Matrices
- One minute paper
- Muddiest Point
- Informal Quiz
- Predicting Test Questions
- Identify the 'Big Idea'



Active Learning: How do you do it?



1. **Align** activities to outcomes and assessments
2. **Build** consensus around value of activities
3. **Debrief** active learning techniques to have students discuss their value
(Millis, 2012)

A few examples and ideas

- Consider making the end of the synchronous sessions interactive
 - Consider: how will you 'close' your time together?
 - Take advantage of quick techniques, like muddiest point, one minute paper, predict a test question, etc.
- Utilize peer to peer interactions for learners
 - What can they do together?
 - Use breakout rooms and have them engage in some of the techniques we've discussed (e.g. debate, divide and conquer, jigsaw, etc.)

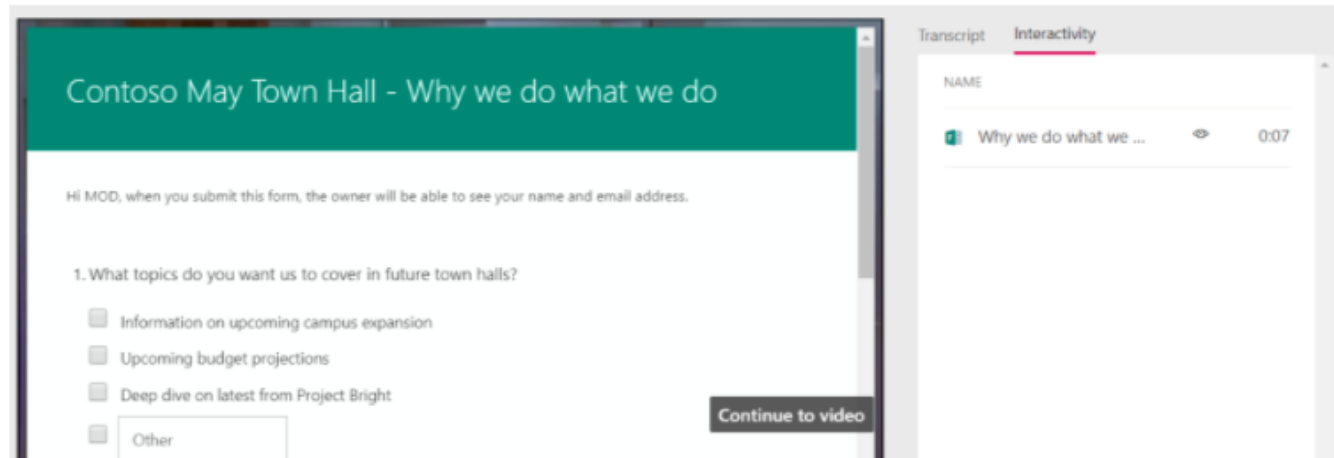
A few examples and ideas

Add a survey, poll, or quiz to a Microsoft Stream video

05/24/2019 • 2 minutes to read • 

Make your video more engaging by adding a survey, quiz, or poll using Microsoft Forms. You can add forms anywhere in videos you own, view responses, and share a summary link that shows answers and scores in Microsoft Forms.

Common uses include collecting feedback, surveys or polls for CEO townhalls or all-hands meetings, quizzes for flipped classroom videos, and knowledge assessments for employee training videos.



The screenshot displays a Microsoft Stream video player interface. The video content is a survey titled "Contoso May Town Hall - Why we do what we do". The survey text reads: "Hi MOD, when you submit this form, the owner will be able to see your name and email address." The question is "1. What topics do you want us to cover in future town halls?". The options are: "Information on upcoming campus expansion", "Upcoming budget projections", "Deep dive on latest from Project Bright", and "Other" (with a text input field). A "Continue to video" button is visible at the bottom right of the survey overlay.

On the right side of the player, there is an "Interactivity" panel. It shows a list of interactive elements. The first element is a poll titled "Why we do what we ..." with a duration of 0:07. The panel also includes a "NAME" field and a "Transcript" tab.

Instructional Tools and Resources

- **Icebreaker Ideas**

<https://uwaterloo.ca/centre-for-teaching-excellence/teaching-resources/teaching-tips/teaching-tips-creating-positive-learning-environment/icebreakers-online-classes>

- **Active Learning Selection Tool**

https://ugeorgia.ca1.qualtrics.com/jfe/form/SV_22WxBI9vTsAWqSp

- **Low Bandwidth Teaching and Learning**

<https://ecampusontario.pressbooks.pub/kylemackie/chapter/optimizing-files-to-help-lower-the-bandwidth/>

- **List of Online Interactive Techniques**

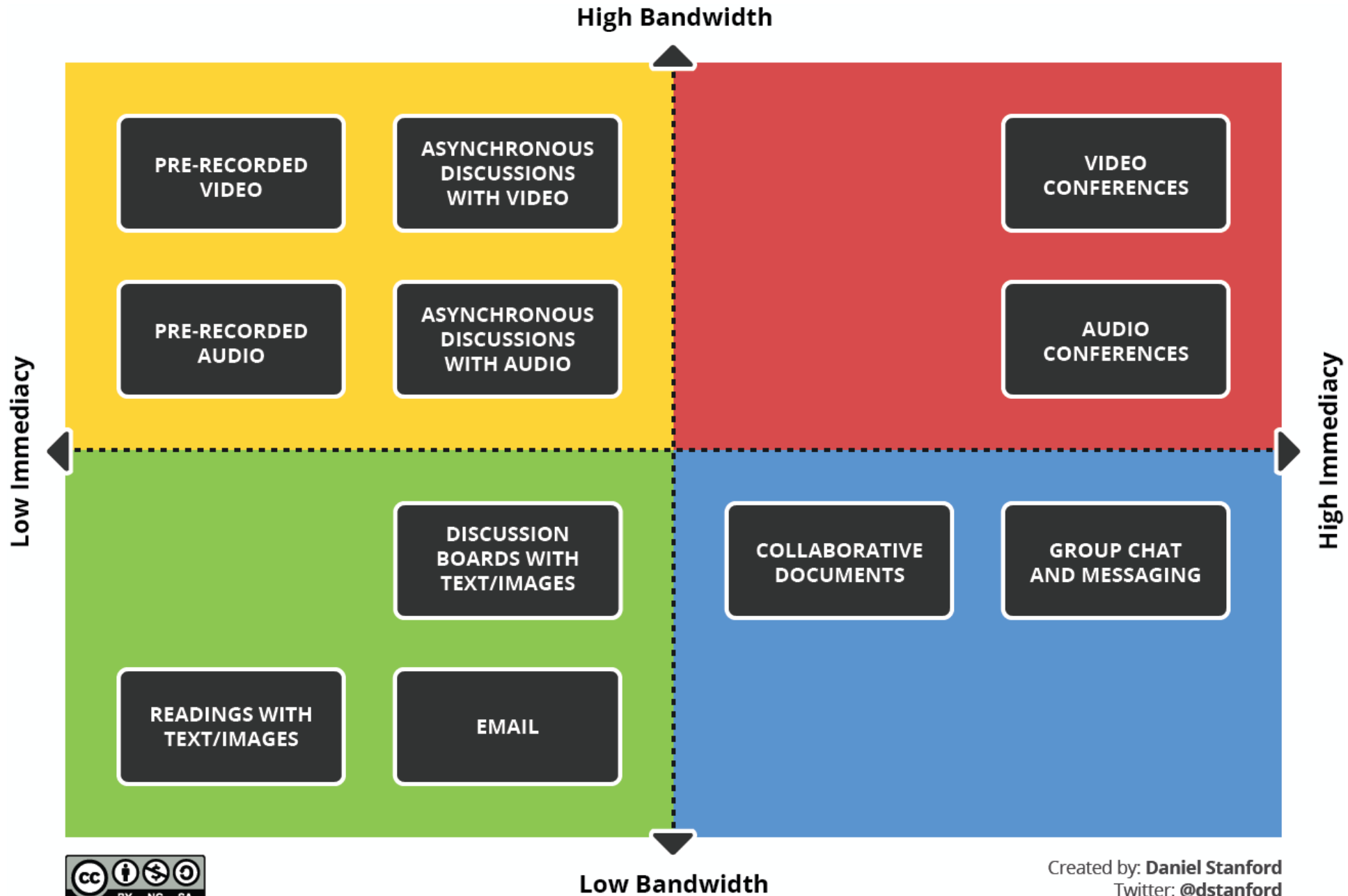
<https://www.uis.edu/ion/resources/instructional-activities-index/>

- **CL in Online Learning Environments**

OpenText BC released a free OER: [Teaching in a Digital Age](#)

- **OpenEd Remote Teaching and Learning Site**

<https://opened.uoguelph.ca/instructor-resources/teaching-remotely>



Created by: Daniel Stanford
Twitter: @dstanford

Considerations in a Remote Environment



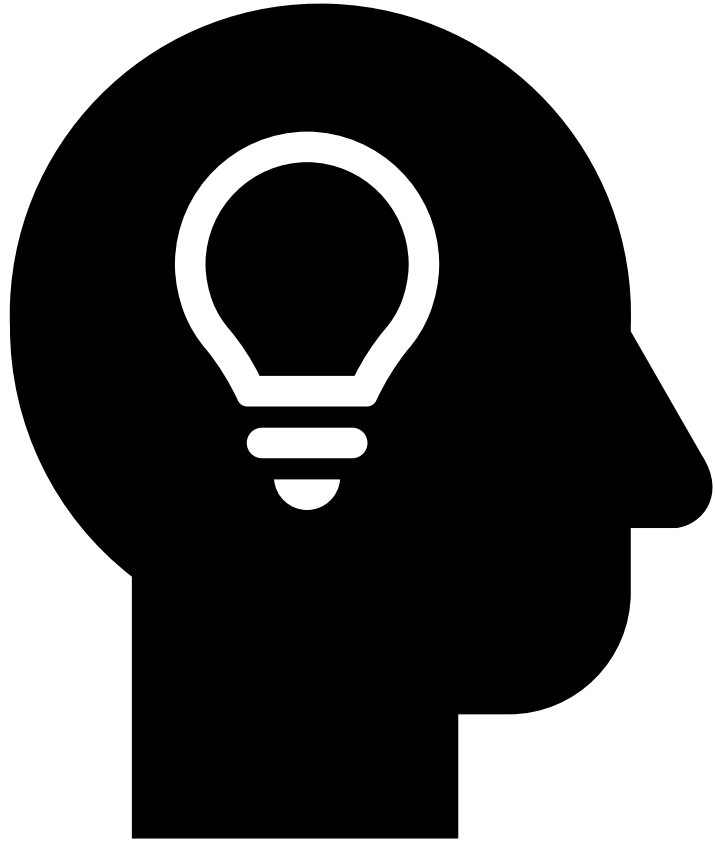
ACCESS AND TECHNOLOGY
(BANDWIDTH)



INTENTION BEHIND
ACTIVITY AND ALIGNMENT



ALTERNATIVE OPTIONS
FOR ENGAGEMENT



What about in a flexible learning environment?

- Think of the ways in which a learner will be interacting with content online
 - Student-Instructor interactions
 - Student-Student interactions
 - Student-Content interactions

What about in
a flexible
learning
environment?

	Getting Information & Ideas	Experience: Doing	Experience: Observing	Reflecting
Direct	Original data, original sources	Real doing, in authentic settings (documented to share online)	Direct field observation (documented to share online)	Periodic (weekly) journal entries, class or group discussion
Indirect	Secondary data sources, video/audio lectures, textbooks	Case studies, simulations, role play	Audio and video of real examples	

Adapted from Ohio State University (2020).

Check and Reflect: A learner's perspective

Scenario 1:

- Prerecorded lectures by course instructor
 - Quizzes are automatically graded
 - Final exam is automatically graded
 - No peer to peer engagement
 - No student to instructor engagement
- How will this impact a student's engagement with their learning?

Modified from Uwaterloo's Centre for Extended Learning (2020).

Check and Reflect: A learner's perspective

Scenario 2:

- Synchronous lecture delivery, available asynchronously
 - Discussion forum with debate activity
 - Prerecorded weekly video check ins
 - Group video final project
- How will this impact a student's engagement with their learning?

Modified from Uwaterloo's Centre for Extended Learning (2020).

Why Bother?



Active and collaborative learning can help facilitate a strong community even in a remote environment.



Community and connectedness is important when it comes to creating a supportive learning environment



Active learning helps support student learning and development, regardless of the environment when it is done properly

Summary



Active learning engages students by making them active participants in their own learning processes



Consider how you may build in interactions in different ways (instructor – learner – content!)



Collaborative learning techniques can support how you organize learners, even in remote environments



There are many ways to incorporate active learning into your context- find what works best for *you*

Questions?



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Thank you!

Please reach out with questions at any time to us directly

Jackie Hamilton at
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Chris Donaldson at
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References

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