DIGITAL TOOLS FOR SYNCHRONOUS ACTIVE LEARNING

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While we are coming together today in a virtual space, it is important to recognize the physical space that connects us and brings us together. The University of Guelph and its campuses are situated on the treaty lands of the Mississaugas of the Credit. We understand that these lands are connected by the Dish with One Spoon Wampum and continue to be home to diverse communities of First Nations, Inuit and Métis Peoples. By acknowledging the land, we reaffirm our commitment to decolonization and reconciliation with Indigenous peoples and our responsibility to the land on which we live, learn, and play.
AGENDA

• Active Learning Overview
  – What is active learning?
  – Why use active learning?
  – Selecting an active learning activity for your course

• Digital Tools for Synchronous Active Learning
  – Centrally supported Tools (OpenEd)
    • Hypothes.is Integration, Zoom
  – Centrally Supported Tools (CCS)
    • O365 – Forms, Collaborative Documents, Teams
  – Third-party tools
    • Mentimeter, Padlet, Poll Everywhere, Jamboard
  – Digital Tools for Backchanneling

• Where to Get Support
• Q&A Period
ACTIVE LEARNING OVERVIEW
WHAT IS ACTIVE LEARNING?

Active learning is an umbrella term that encompasses several different teaching approaches, all of which shift the focus from the teacher delivering the course content to the student actively participating in their learning and interacting with the course content and each other.

Active learning involves students “doing things and thinking about the things they are doing” (Bonwell & Eison, 1991).

Download the Effective Practices for Designing and Implementing Synchronous Active Learning Activities handout at https://otl.uoguelph.ca/summerprogramming (expandable box #4)
**Why Use Synchronous Active Learning?**

Positive outcomes for students including:

(Freeman et. al, 2014; Prince, 2004; Michael, 2006; Theobald et al., 2020)

| Learning & Skill Development | Higher retention of content and skills  
|                             | Deeper understanding of concepts  
|                             | Increased critical thinking, problem solving, communication, interpersonal skills  
| Performance                 | Improved performance on assessments  
| Inclusivity                 | Decreased achievement gap  
|                             | Increased course completion and pass rates  
| Motivation                  | Higher enthusiasm and more positive attitudes towards learning  
| Community                   | Builds connections and a sense of community through interactions  

SELECTING A SYNCHRONOUS ACTIVE LEARNING ACTIVITY FOR YOUR COURSE

Key elements to consider are the:

- purpose of the activity, particularly related to course learning outcomes and assessments
- class context (class size, delivery/engagement mode)
- duration of the activity and impact on other aspects of your course
- type of interaction (independent, collaborative, or both)

Download our **Handouts** and **Session Worksheets** at [https://otl.uoguelph.ca/summerprogramming](https://otl.uoguelph.ca/summerprogramming) (expandable box #4) to guide you through the selection process
DIGITAL TOOLS FOR SYNCHRONOUS ACTIVE LEARNING
DIGITAL TOOLS FOR SYNCHRONOUS ACTIVE LEARNING - OVERVIEW

• With remote learning, and as we transition back to either gradually through hybrid learning environments, digital tools to facilitate synchronous learning remain in demand.

• When the “new normal” settles, we will likely find more opportunity for low tech/no tech synchronous learning activities again (actual paper, sticky notes, white boards).

• That said, you may find that a digital tool you’ve tried during remote or hybrid delivery may work better for some activities or specific scenarios even in face-to-face delivery.
DIGITAL TOOLS FOR SYNCHRONOUS ACTIVE LEARNING - OVERVIEW

• While there are many digital tools that support active learning, the list of supported tools for synchronous activities is small compared to asynchronous tools.

• The need for synchronous active learning tools, has helped us adapt tools supported by other U of G departments that aren’t typically thought of as “EdTech tools” to help fill that void for synchronous active learning.

• There are also many third-party tools that can help fill the supported technology gap for several synchronous learning activates (we’ll look at some today).
CENTRALLY SUPPORTED VS. THIRD-PARTY TOOLS

When it comes to support, tools typically fall into 1 of 3 categories:

- Centrally Supported by OpenEd
- Centrally Supported by another department (CCS, Library)
- Third-party (not supported by the institution)
CENTRALLY SUPPORTED VS. THIRD-PARTY TOOLS

Centrally Supported Tools (OpenEd)

• **Examples**: CourseLink, PEAR, i>Clickers, etc.

• CourseLink Support can assist with technical questions/issues from you or your students

• The Instructional Technology Specialist (ITS) team can work with you on implementation of these tools into your course/assignments
CENTRALLY SUPPORTED VS. THIRD-PARTY TOOLS

Centrally Supported Tools (Non-OpenEd)

- **Examples**: Qualtrics, O365 – Shared documents, Forms, Teams, etc.

- Technical questions/issues from you or your students go to CCS Helpdesk/tool provider

- The ITS team can offer advice about proper implementation from a pedagogical standpoint, but cannot always assist with related technical issues
CENTRALLY SUPPORTED VS. THIRD-PARTY TOOLS

Third-party tools (limited support)

- **Examples**: Mentimeter, Padlet, Poll Everywhere

- Technical support is not available through official channels, but typically offered by the product vendor

- The ITS team can offer advice about proper implementation, but cannot assist with technical issues
CENTRALLY SUPPORTED TOOLS (OpenEd)
CENTRALLY SUPPORTED TOOLS (OPENEd)

Benefits
- Instructor and student familiarity
- Accessibility, privacy & security considerations part of the original RFP process prior to adopting the tool
- Instructor and student support available through OpenEd/CourseLink Support (or sometimes directly via the vendor with a support contract)
- Typically work with central login/SSO or via a CourseLink integration
- Assessment components can usually be easily exported to CourseLink grade items

Considerations
- The supported tool may not meet your exact needs and may require workarounds or altering your assignment or activity to fit the tool
CENTRALLY SUPPORTED TOOLS (OpenEd) - ZOOM
CENTRALLY SUPPORTED TOOLS (OpenEd) - Zoom

- What is Zoom?
  - A popular web conferencing platform utilized by a number of instructors over the last year for remote instruction
- How do I get a Zoom Pro license?
  - Contact CourseLink Support (courselink@uoguelph.ca) to request a license.
- Why should I consider Zoom?
  - Pro license supports up to 300 participants with no meeting length limits
  - Variety of tools available to support your pedagogy and active learning
CENTRALLY SUPPORTED TOOLS (OpenEd) – Zoom Annotations

- Available to all participants (or host only) while screen share is active to add text, stamps or free-form drawing

- What activities can annotations support?
  - Discussions (i.e., four corners)
  - Brainstorming
  - Concept mapping
CENTRALLY SUPPORTED TOOLS (OpenEd) – ZOOM ANNOTATIONS

- Let’s try annotations out with a discussion prompt.

Which do you prefer, cats or dogs?
CENTRALLY SUPPORTED TOOLS (OpenEd) – Zoom Polling

- Built-in feature available to Pro accounts
- Allows for the creation of single & multiple response multiple choice questions.
- Uses:
  - Diagnostic or formative assessment
  - As a component of peer instruction

- Let’s try a poll!
CENTRALLY SUPPORTED TOOLS (OpenEd) – ZOOM BREAKOUT ROOMS

- Allows you to divide class into smaller groups for a range of activities (i.e., group work, discussion, case study, gallery walk, etc.)
- Zoom supports up to 50 breakout rooms per meeting
- Variety of options for group creation (e.g., manual, automatic, student-selected, & pre-assignment)
- Hosts and co-hosts can move in and out of rooms to monitor progress & answer questions
- Often best used for structured activities
  - Individual student roles within each group
  - Partner with collaborative document for accountability
CENTRALLY SUPPORTED TOOLS (OpenEd) – ZOOM CHAT

- In-meeting chat allows meeting participants to send messages to everyone or selected users (if enabled)
- A good backchanneling option if all students are joining Zoom for your class
- Other activities:
  - Turn and talk, aha wall, and entry/exit tickets
- Consider how you plan to interact with the chat during class.
  - Will a TA or student help monitor? (i.e., voice of the chat)
  - Will you take periodic breaks to review chat and answer questions?
  - Will you save the chat to review after class & start the following class by answering questions?
CENTRALLY SUPPORTED TOOLS (OPENEd) - Zoom

- Looking for more information on Zoom and how it can support active learning in your course? Attend our session, From Zzzzz to Zoom on Monday, July 5th at 9:00 AM
  - [https://opened.uoguelph.ca/instructor-resources/instructional-technology-webinar-series#ZoomTools](https://opened.uoguelph.ca/instructor-resources/instructional-technology-webinar-series#ZoomTools)
  - Can’t make it to the live session? Register to receive a notification when the recording and slides are available
CENTRALLY SUPPORTED TOOLS (OpenEd) - CourseLink - Hypothes.is integration
CENTRALLY SUPPORTED TOOLS (OpenEd) - COURSELINK - HYPOTHES.IS INTEGRATION

What is Hypothes.is?
- A social annotation tool
- Post a reading (pdf) or point to a public webpage
- Students annotate it together by highlighting text and adding comments
- Students can reply to each other’s comments

How does Hypothes.is integrate with CourseLink?
- Added as an External Learning Tool via Content
- Upload a document (requires Google Drive) or link to a webpage (must be public – not behind a log in)
- Allows you to assess the annotations that students make
- Assessments can be linked to a CourseLink grade item
Can Hypothes.is be used for synchronous active learning?
• While most social annotation activities are asynchronous by nature, there is some opportunity for synchronous active learning as well.

Teaching in one of the newly outfitted flipped classrooms or hybrid lecture rooms?
• Hypothesis provides a way to have remote and in-person students work together simultaneously.
• Provides the added benefit of helping build a class community that involves both types of students, rather than having them work in remote/in-person silos.
CENTRALLY SUPPORTED TOOLS (OPENEd) - COURSELink - HYPOTHESES.IS INTEGRATION

Example Activity – Muddiest Point (Rubric)

- Have the students work together to annotate a rubric you are planning to use for a course assignment
- This activity has several active learning benefits such as:
  - Knowledge retention
  - Reading comprehension
  - Analysis and critical thinking
  - Reflection
- After some time, look for common annotations and open a discussion in class on how to make improvements
- Use the “student-improved” rubric when assessing the assignment
CENTRALLY SUPPORTED TOOLS (OpenEd) - COURSELINK - HYPOSTHES.IS INTEGRATION

Learn more about Hypothes.is

- Visit their website to learn about the tool
  - https://web.hypothes.is/
- See the tool in action on a live site:
  - Learn how to set up the integration on your course site:
    - https://web.hypothes.is/help/using-the-hypothesis-lms-app-for-d2l/
CENTRALLY SUPPORTED TOOLS (OPENED) - COURSELINK - HYPOTHESES.IS INTEGRATION

Register for our Hypothes.is webinar!

- I have a Hypothes.is! Make Reading Assignments a Community Activity with the Hypothes.is Integration
  - Monday, July 5th 11:00 am - 11:45 am
  - Registration: https://opened.uoguelph.ca/instructor-resources/instructional-technology-webinar-series#Hypothesis
  - Can’t make it to the live session? Register and receive a notification when the recording and slides are available online
CENTRALLY SUPPORTED TOOLS (CCS)
CENTRALLY SUPPORTED TOOLS (CCS)

Benefits
• Instructor and student familiarity
• Accessibility, privacy & security considerations part of the RFP process
• Typically work with central login/SSO
• Instructor and students support available through U of G (CCS Helpdesk, or directly via the vendor with a support contract)
• Assessment components may take additional work to export to CourseLink

Considerations
• The supported tool may not meet your exact needs and require workarounds or altering your assignment
• Tools are often used in ways that CCS support staff are not familiar
• The support offered is purely technical for the tool - “how to”, without the “why” or best practice for teaching and learning
CENTRALLY SUPPORTED TOOLS (CCS) – MS OFFICE 365 (O365) TOOLS

Office 365

VS.

Google Workspace
CENTRALLY SUPPORTED TOOLS (CCS) – MS OFFICE 365 (O365) TOOLS

0365 vs. Google Workspace
• Our general recommendation is to use O365 where there is a comparable option
  – OneDrive over Google Drive, Word over Docs, etc.
  – When there is a tool on the Google side that there isn’t a O365 equivalent, then it can be considered as a third-party option
• O365 tools are supported by CCS and work with central login/SSO
• Most O365 tools will works with Classlist-linked Microsoft Security Groups
  – Enabled via the CourseLink Course Creation Tool
  – Restrict access to a file, form, video, etc. to only those with access to your CourseLink course site
  – Determines access, ensures security, creates accountability
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > FORMS

Microsoft Forms
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > FORMS

The Basics on O365 Forms

• Accessible by students, instructors, and staff using your central login and password
  – www.office.com/launch/forms

• Create forms to collect information in an organized/intentional manner

• Create simple quizzes for simple, quick self assessment

• Question types include: MC, Text, Rating, Ranking, Likert, and File Upload

• Forms/quizzes can be embedded into MS Stream videos

• Collect data & share back in class or online via a link

• Let’s try out a O365 Form: https://forms.office.com/r/uaP00yKEEb
CENTRALLY SUPPORTED TOOLS (CCS) - O365 FORMS FOR SYNCHRONOUS ACTIVE LEARNING

O365 Forms can be leveraged for several synchronous active learning activities, such as:

- **Self Assessment**
  - Create short low stakes/no stakes quizzes to help students determine their understanding
  - With a little effort the results could be used for low-stakes assessment (score or attempt)

- **Entry/Exit Ticket**
  - Post a link to a form or quiz at the start/end of class

- **1-Minute Quiz**
  - A low stakes incentive to attend class
  - Provide a 3-question quiz at the start of the class
  - Give the questions for next lecture’s quiz at the end of the class
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > COLLABORATIVE DOCUMENTS
CENTRALLY SUPPORTED TOOLS (CCS) - Office 365 > Collaborative Documents

O365 Collaborative Documents

• O365 provides several document types that can be shared and worked on collaboratively:
  – Word documents, Excel spreadsheets, PowerPoint presentations, etc.
• Documents are stored in the cloud on OneDrive and shared by the document creator to others with the permissions they choose
• Students can create files and share them with each other
• Instructors can create files and share them with their class using Classlist-linked Microsoft Security Groups
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > COLLABORATIVE DOCUMENTS

CourseLink + O365

- Security Groups and Sharing O365 Documents
  - A great way to have students work on collaborative documents
  - Provides oversight/accountability (you own the file, students can only access from their official U of G account)
  - Combine shared documents with CourseLink’s Content tool and group restrictions to provide workspaces for projects
  - Learn more about Classlist-linked Microsoft Security Groups: https://support.opened.uoguelph.ca/instructors/courselink/tools/content/microsoft-security-group
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > COLLABORATIVE DOCUMENTS

O365 Collaborative Documents can be leveraged for several synchronous active learning activities, such as:

- **Brainstorming Challenges**
  - Use a shared document from O365 to have students brainstorm ideas and review then review those ideas with them in class

- **Pro/Con Lists**
  - Create a pro/con list in real time using a O365 document

- **What’s Missing?**
  - Present a list of ideas, terms, an equation, or rationale through a shared O365 document
  - Share the document on screen/over web conference
  - Students can respond with what is missing

- **Partial Outlines/Slides Provided for Lecture**
  - Create class notes in O365 with blanks for important info
  - Share that document using a classlist-linked security group
  - Encourage students to fill in the blanks during the class session
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > TEAMS
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > TEAMS

- What is Teams?
  - A web conferencing platform that is part of the O365 suite of tools
  - Similar to Zoom in a lot of ways, but with some key differences to consider
    - **Meeting roles**: By default, all meeting participants have the same permissions (can be edited)
    - **Inviting students**: No streamlined option for group creation, can share meeting link
    - **Integration into CourseLink**: Not currently available, can share meeting link to content/announcement

- **Recommendation**: Better for smaller courses where collaboration is a hallmark
CENTRALLY SUPPORTED TOOLS (CCS) - OFFICE 365 > TEAMS

- Teams allows you to leverage multiple O365 applications for synchronous active learning
  - Chat
    - Backchannel
  - Files
    - Collaborative work
  - Meeting notes
    - Note taking, collaborative summaries
  - Whiteboard
    - Concept mapping, visual modeling
  - Polls (via Forms)
    - Formative quizzing
THIRD-PARTY TOOLS (LIMITED SUPPORT)
THIRD-PARTY TOOLS (LIMITED SUPPORT)

Benefits
- Find a tool that meets your exact needs

Considerations
- Tools are less likely to have instructor and student familiarity
- Accessibility, privacy & security must be considered
- While most have free versions, Usually come with a cost to either the instructor
- While most have free versions, they usually come with a cost to either the instructor or students to unlock features, “seats”, etc.
- Support is not available through OpenEd or CCS
- Support is typically very basic and often not available for students
- It may not be feasible to use the tool for assessment and export grades in a useful way for larger classes
THIRD-PARTY TOOLS – “DISCLAIMER”

- There are A LOT of third-party tools available, so we can’t cover them all in this session
- We also cannot claim to know about/be experts on all of the potential third-party tools available
- We’ve selected 4 very popular third-party tools for this session
- These tools may help fill some specific needs for synchronous active learning, especially for remote and hybrid scenarios
- We are not promoting these tools, but we recognize the value they bring and all 4 have useful free versions
THIRD-PARTY TOOLS (LIMITED SUPPORT) - MENTIMETER

https://www.mentimeter.com/
THIRD-PARTY TOOLS (LIMITED SUPPORT) - MENTIMETER

What is Mentimeter?

• Create interactive presentations online
• Use live polls, quizzes, word clouds, Q&As and more to get real-time input - regardless if you’re remote, hybrid or face-to-face
• Very simple and intuitive interface
• Easy to create something on the fly and share with the class
• Simple to connect with on desktop or mobile

• Let’s try out Mentimeter!
  – Visit www.menti.com and enter code: 35 28 45
How much does Mentimeter cost?

- Free and paid versions are available
- **Free Version**
  - Unlimited audience (great for large classes)
  - Unlimited presentations (create as many as you need)
  - Limited to 2 question slides or 5 quiz slides
- **Paid Version - Basic** ($9.99USD/month billed annually)
  - Removes the above limitations, plus import slides and export results features
- **Paid Version – Pro** ($24.99USD/month billed annually)
  - Add branding, moderate Q&As, share templates
- **Feature comparison by version type:**
  [https://www.mentimeter.com/plans#compare](https://www.mentimeter.com/plans#compare)
THIRD-PARTY TOOLS (LIMITED SUPPORT) - MENTIMETER

What synchronous active learning activities can Mentimeter support?

- Quizzing, polling, or voting
- Aha Wall
- Muddiest Point
- Visual Prompt
- Backchannel Chat
- Four Corners (or 5 or 6... pick a shape!)
- Brainstorming Challenge
- 1-minute Quiz

Activity Information: Exploring Synchronous Active Learning Activities (OTL)
THIRD-PARTY TOOLS (LIMITED SUPPORT) – POLL EVERYWHERE

https://www.polleverywhere.com/
THIRD-PARTY TOOLS (LIMITED SUPPORT) – POLL EVERYWHERE

What is Poll Everywhere?
• Very similar to Mentimeter in terms of functionality
• Capture audience feedback through live online polling, surveys, Q&As, quizzes, word clouds, and more
• Questions support LaTeX
• Images can be used as answer choices in MC questions
• More question/activity type options available than Mentimeter, including: Donut chart, Icebreaker, Upvote, Ranking, Matrix (2x2), and more
• Slightly more complicated interface, less intuitive

Let’s try some Poll Everywhere activities:
• Visit: http://pollev.com/itsopened299 (mobile or desktop)
THIRD-PARTY TOOLS (LIMITED SUPPORT) – POLL EVERYWHERE

How much does Poll Everywhere cost?
• Free and Paid versions are available
• Free Version (Higher ed free)
  – Create unlimited questions
  – 40 max audience size
  – Support only available through website/FAQ/tutorials
• Paid Versions (general paid options - there are paid versions for higher ed as well)
  – Present ($120USD/year)
    • 700 max audience size
    • Email support (during business hours)
    • Show live results to participants
  – Engage ($42USD/month)
    • Create reports and access archived poll responses
    • Restrict to registered participants
    • Moderate incoming responses

• Compare all plans/features: [https://www.polleverywhere.com/plans](https://www.polleverywhere.com/plans)
THIRD-PARTY TOOLS (LIMITED SUPPORT) – POLL EVERYWHERE

What synchronous active learning activities can Poll Everywhere support?

• Everything Mentimeter can support:
  – Quizzing, polling, or voting
  – Aha Wall
  – Muddiest Point
  – Visual Prompt
  – Backchannel Chat
  – Four Corners
  – Brainstorming Challenge
  – 1-minute Quiz

Activity Information: Exploring Synchronous Active Learning Activities (OTL)
THIRD-PARTY TOOLS (LIMITED SUPPORT) - PADLET

https://padlet.com/
THIRD-PARTY TOOLS (LIMITED SUPPORT) - PADLET

What is Padlet?
• A digital pin-board that you create and share for collaboration
• There are a variety of Padlet board types to suit various needs:
  – Wall, Stream, Grid, Shelf, Map, Canvas, and Timeline
• Add content as text, images, or videos
• Padlet boards can be open or only shared to specific accounts
• Users can rate/like/reply to posts from others (if enabled)
• Posts can be anonymous (or not)
• Available via a web browser and via mobile apps (iOS and Android)

Let's try out Padlet!
• Visit: https://padlet.com/insttech3/shelf
• This is an example of their “shelf” Padlet board
THIRD-PARTY TOOLS (LIMITED SUPPORT) - PADLET

How much does Padlet cost?
• Free and paid versions are available
  • Free Version (Basic)
    – No limit on the number of contributors!
    – Limited to 3 Padlet boards (can delete + create new)
    – File size for uploads is limited to 10MB
  • Paid Version ($10CDN/month or $96CDN/year)
    – Unlimited Padlets
    – Cancel anytime (pay only for a semester on monthly plan)
    – Upload files up to 250 MB
    – Priority support
    – Domain mapping (point www.yoursite.com to a Padlet board)
THIRD-PARTY TOOLS (LIMITED SUPPORT) - PADLET

What synchronous active learning activities can Padlet support?

- Voting (via likes, ratings, or up/down votes)
- Aha Wall
- Muddiest Point
- Visual Prompt
- Backchannel
- Brainstorming Challenge
- Concept mapping (Canvas Padlet boards)
THIRD-PARTY TOOLS (LIMITED SUPPORT) – GOOGLE JAMBOARD

https://jamboard.google.com/
THIRD-PARTY TOOLS (LIMITED SUPPORT) – GOOGLE JAMBOARD

What is Google Jamboard?
• A cloud-based app that enables visual collaboration between users in real-time
• Supports freehand writing, sticky notes (typed text) and images
• Generally open links unless you are individually adding each student to the permissions
• For the adventurous, can be partnered with Chrome extensions

How much does it cost?
• The Jamboard app is free.
THIRD-PARTY TOOLS (LIMITED SUPPORT) – GOOGLE JAMBOARD

What synchronous active learning activities can it support?

- Brainstorming
- Concept mapping
- Check for understanding
- Pre-activity or reflection

Let’s try out a Jamboard!
https://jamboard.google.com/d/14uoxFQxRVlfNTUAWWdrrBszWeyUW4GQxCTBc4Y3LaIs/edit?usp=sharing
TOOLS FOR BACKCHANNELING
TOOLS FOR BACKCHANNELING

What is a Backchannel?
A digital conversation that runs concurrently with a synchronous activity (e.g., lecture, presentation, demonstration, whole class activity), providing students with a space to actively contribute to the discussion and ask questions.

Why use backchanneling?
• Increase student participation
• Increase question asking and at a time when real-time support can be offered (seminar/lecture)
• Get feedback on how the class is going & what concepts/skills can be clarified
• Build community

See OTL’s Using a Backchannel in In-Person Synchronous Classes handout on https://otl.uoguelph.ca/summerprogramming (under box #4)
TOOLS FOR BACKCHANNELING

• **Open-Ended Chat or Q&A**
  – Teams/Zoom Chat
  – Padlet (Shelf board)
  – Mentimeter (QA slide)
  – Poll Everywhere (QA activity)
  – GoSoapBox ([https://www.gosoapbox.com/](https://www.gosoapbox.com/))
  – Tricider ([https://www.tricider.com/](https://www.tricider.com/))
  – Twitter

• **Open-Ended Responses to Prompts or Questions**
  – AnswerGarden ([https://answergarden.ch/](https://answergarden.ch/))
  – Mentimeter (word cloud, open-ended)
  – Poll Everywhere (word cloud, open-ended)
  – Padlet

• **Voting or Polling**
  – Mentimeter, Poll Everywhere, Zoom/Teams, O365 Forms
TOOLS FOR BACKCHANNELING

Want to learn more about Backchanneling? We have a webinar for that!

• **Backchanneling - Encourage Learning by Letting Your Students Pass Notes Digitally**
  - Monday, July 5\(^{th}\) from 10am-10:45am
  - Registration: [https://opened.uoguelph.ca/instructor-resources/instructional-technology-webinar-series#Backchanneling](https://opened.uoguelph.ca/instructor-resources/instructional-technology-webinar-series#Backchanneling)
  - Can’t make it to the live session? Register and receive a notification when the recording and slides are available online
SUPPORT FOR SYNCHRONOUS ACTIVE LEARNING AND THE TOOLS THAT SUPPORT IT
GETTING SUPPORT FOR SYNCHRONOUS ACTIVE LEARNING

Open Learning and Educational Support (OpenEd)

- What we can help with:
  - Incorporating digital tools into your synchronous active learning activities
- How to connect with us:
  - Contact the Instructional Technology Specialist (ITS) Team
  - Email: insttech@uoguelph.ca
  - Check out our recorded and upcoming programming: https://opened.uoguelph.ca/instructor-resources/webinars-and-events
  - Come by our summer drop-ins (2-4pm on July 5, 13, 20, 21, 22)
GETTING SUPPORT FOR SYNCHRONOUS ACTIVE LEARNING

Office of Teaching and Learning (OTL)

• What we can help with:
  – Implementing synchronous active learning strategies in your course design
  – Synchronous Active Learning Materials and Worksheets: https://otl.uoguelph.ca/summerprogramming (dropdown 4)

• How to connect with us:
  – Contact the Educational Development (ED) Team
    • Email: otl@uoguelph.ca
    • Come by our summer drop-ins (2-3:30pm on July 5 and 12): https://otl.uoguelph.ca/summerprogramming#Open%20Virtual%20Drop-In%20Sessions
We are happy to answer any questions you have or provide a demo where possible for the supported tools