

How to Effectively Use Zoom to Provide an Interactive and Engaged Learning Experience to Students

We will begin shortly. Please answer the brief poll question.

Ron Owston, PhD

**Research Associate, Contact North
Professor Emeritus, York University, Toronto, Canada**

Balanced Interactive Model

Activity	Time
Ice-breaker for students	5 min
Mini-lecture	10 min
Check understanding	5 min
Student breakout rooms	15 min
Debrief breakouts	10 min
Student questions	5 min
Sum up	10 min

Agenda



INTERACTION AND
ENGAGEMENT THROUGH
ICE-BREAKING ACTIVITIES



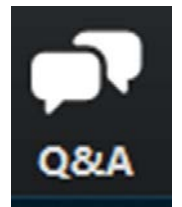
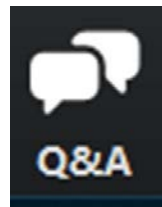
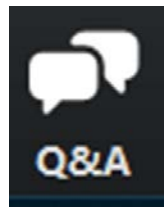
CREATING ENGAGING
PRESENTATIONS



ENGAGEMENT AND
INTERACTION IN
BREAKOUT ROOMS



STUDENT ENGAGEMENT
REPORTS



1. Interaction and engagement through ice-breaking activities



Engagement in Waiting Room

The screenshot shows a settings interface with a left sidebar and a main content area. The sidebar is divided into 'PERSONAL' and 'ADMIN' sections. The 'PERSONAL' section includes 'Profile', 'Meetings', 'Webinars', 'Recordings', and 'Settings' (highlighted in blue). The 'ADMIN' section includes 'Dashboard', 'User Management', and 'Room Management'. The main content area has three tabs: 'Meeting' (selected), 'Recording', and 'Telephone'. Under the 'Meeting' tab, there are several menu items: 'Security', 'Schedule Meeting', 'In Meeting (Basic)', 'In Meeting (Advanced)', 'Email Notification', and 'Other'. The 'Security' item is selected, leading to a 'Security' settings page. This page has a 'Waiting Room' toggle switch that is turned on. Below the toggle, there is a description: 'When participants join a meeting, place them in a waiting room and require the host to admit them individually. Enabling the waiting room automatically disables the setting for allowing participants to join before host.' Underneath, there is a section titled 'Waiting Room Options' with a description: 'The options you select here apply to meetings hosted by users who turned 'Waiting Room' on'. There are two checked options: 'Users not in your account will go in the waiting room' and 'Host, co-hosts, and anyone who bypassed the waiting room (only if host and co-hosts are not present) can admit participants from the waiting room'. At the bottom, there are two links: 'Edit Options' and 'Customize Waiting Room'.

PERSONAL

- Profile
- Meetings
- Webinars
- Recordings
- Settings**

ADMIN

- Dashboard
- > User Management
- > Room Management

Meeting Recording Telephone

Security

Schedule Meeting

In Meeting (Basic)

In Meeting (Advanced)

Email Notification

Other

Security

Waiting Room

When participants join a meeting, place them in a waiting room and require the host to admit them individually. Enabling the waiting room automatically disables the setting for allowing participants to join before host.

Waiting Room Options


The options you select here apply to meetings hosted by users who turned 'Waiting Room' on

- ✓ Users not in your account will go in the waiting room
- ✓ Host, co-hosts, and anyone who bypassed the waiting room (only if host and co-hosts are not present) can admit participants from the waiting room

[Edit Options](#) [Customize Waiting Room](#)

Customize Waiting Room

Meeting ID : 888-888-888

Please wait, the meeting host will let you in soon. 



{ Your Meeting Topic }

**Your meeting name
appears here
automatically**

[Add waiting room description](#)

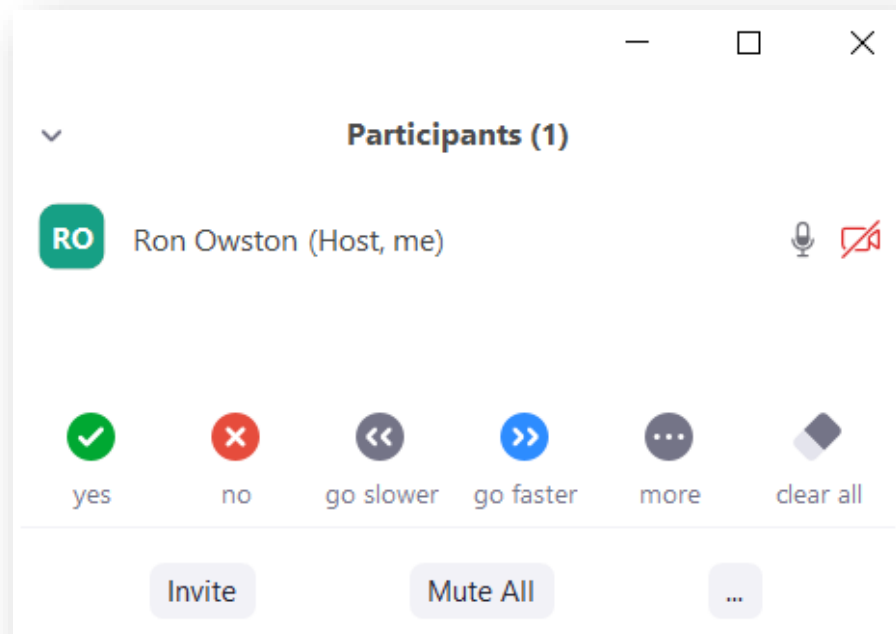
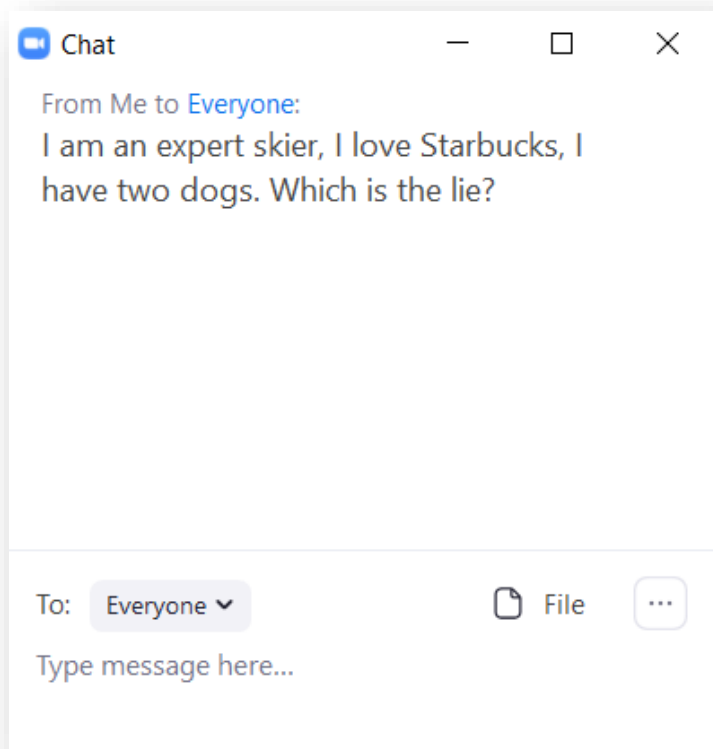
Activity, agenda, link

Logo should be in GIF/JPG/PNG format. The file size cannot exceed 1MB
Logo minimum width or height is 60px and cannot exceed 400px

Close

In-meeting ice-breaker activities

- Student (or you) posts “Two truths, One Lie.” Everyone votes.



In meeting ice-breaker activities

- Instructor posts question, students vote

The screenshot shows a window titled "Polls" with a sub-header "Polling 1: Greeting" and an "Edit" button. A status bar indicates "Polling is closed" and "0 voted". The main content area contains the question "1. How do you feel today?" and four options: "Excellent", "Good", "Not too great", and "Lousy". Each option has a progress bar and "(0) 0%" next to it. At the bottom, there are two buttons: "Share Results" and "Re-launch Polling".

The screenshot shows a window titled "Polls" with a sub-header "Sharing Poll Results" and a message "Attendees are now viewing the poll results". The main content area contains the question "1. How do you feel today?" and four options: "Excellent", "Good", "Not too great", and "Lousy". Each option has a progress bar and "(0) 0%" next to it. At the bottom, there are two buttons: "Stop Share Results" and "Re-launch Polling".

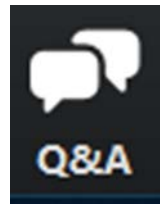
Other ice-breaker ideas



Ask students to show a virtual background that reflects themselves



Quiz with visual answers

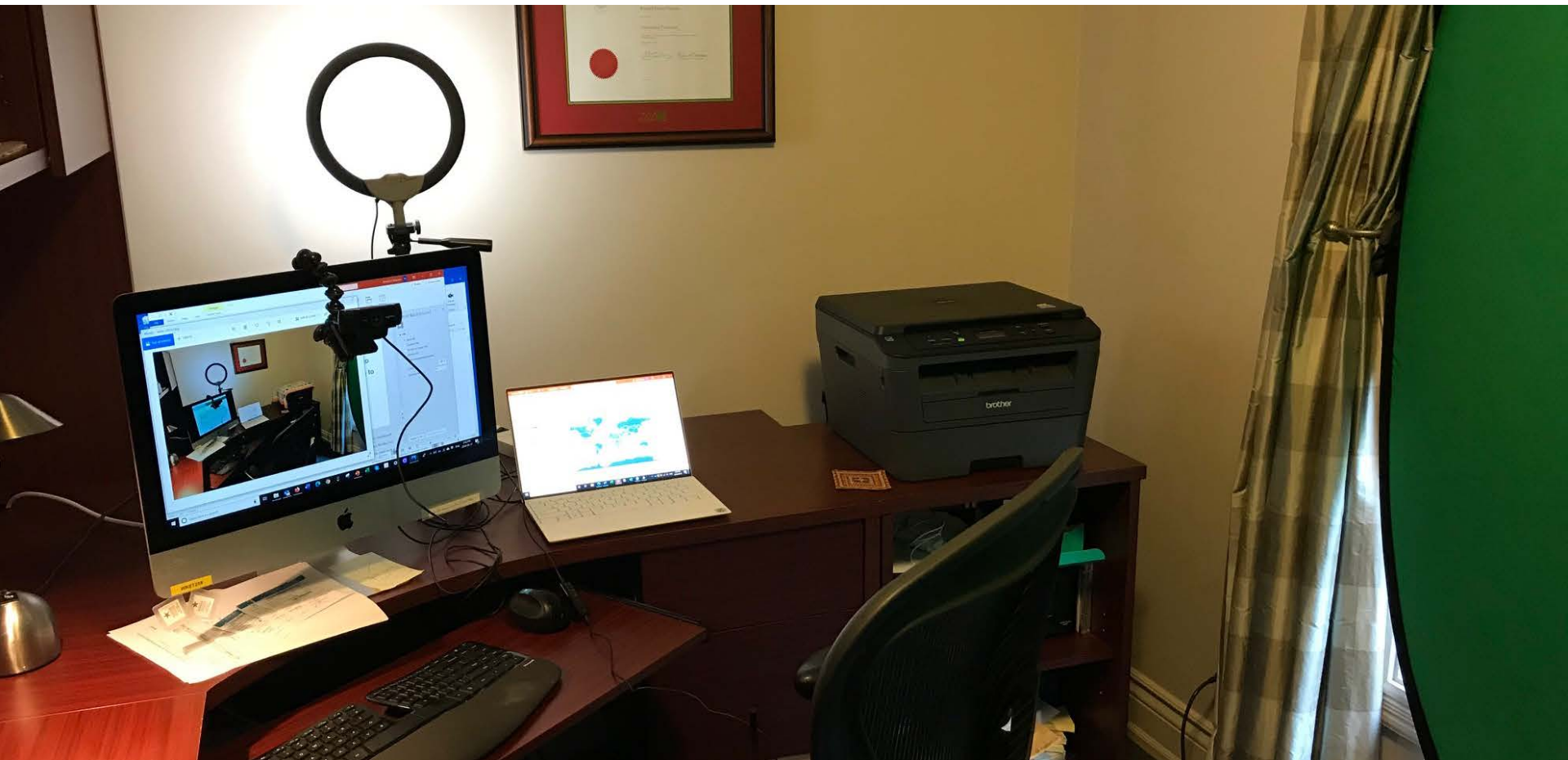


2. Creating engaging presentations



Photo credit: zoom.us

Pay attention to physical setup!




Screensharing PowerPoint

SHOW TASKBAR DISPLAY SETTINGS ▾ END SLIDE SHOW

0:00:39 4:30 PM

You are screen sharing Stop Share

Four pedagogical models



This Photo by Unknown Author is licensed under CC BY

Next slide

Move from "talking head" to active learning

- All models will include active learning elements
- Suggested times for a 60 minute class.
- Not meant to be prescriptive but to stimulate your thinking
- Not suggesting you deliver you course with only Zoom – you may want to supplement a face-to-face course or a fully online course with Zoom

Slide 3 of 27

A⁺ A⁻

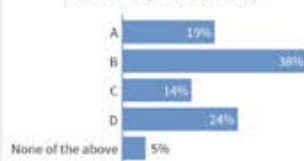
Check on student understanding directly in PPT – Polleverywhere.com

Choose an activity

Blank activities

© When poll is active, respond at Polleverywhere.com/applseend
#7 host APPLSEEND to 22333 text to join

Untitled multiple choice question



Multiple choice

Ask a question and people choose a response from a set list of answers.

Small discussions

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Untitled word cloud



Word cloud

Visualize words from audience comments, questions, and thoughts as a word cloud.

Large gatherings

Leaderboard



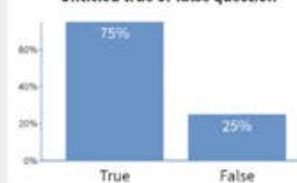
Competition

Ask a series of questions and declare a winner at the end for the person who scores the most points.

Interesting visuals

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Untitled true or false question



True or false

Quickly determine from your audience if a statement is true or false.

WFH icebreakers

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Untitled open-ended question

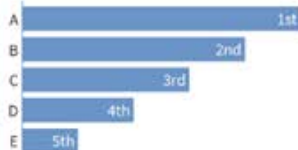
"I really enjoyed this! Looking forward to the next session."
"I would like to dive more into the third chapter"
"Could you repeat the first part?"

Open-ended

Gather individual questions, ideas, and thoughts from the audience.

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Untitled ranking activity



Ranking

Rank a set of items and see what comes out on top.

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Untitled clickable image activity



Clickable image

Click anywhere on any image to drop a pin.

© When poll is active, respond at Polleverywhere.com/applseend

Untitled Q&A

- Top
- We should dive deeper into this next week
 - Could you review the first slide on more time?
 - I really liked the ending of the presentation
 - That was way too easy.

Question & answer

Audience submits and up/down votes each other's responses.

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Untitled survey

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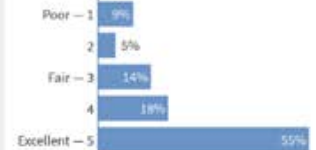
© When poll is active, respond at Polleverywhere.com/applseend

Self-paced survey

Ask questions before or after an event that people can answer at their own pace.

© When poll is active, respond at Polleverywhere.com/applseend

Untitled numeric rating



Numeric rating

Quantify how people feel about an issue on a scale from 1 to 5.

Respond at PollEv.com/ronowston406

Visual settings 

Activate 

Show responses 

Lock 

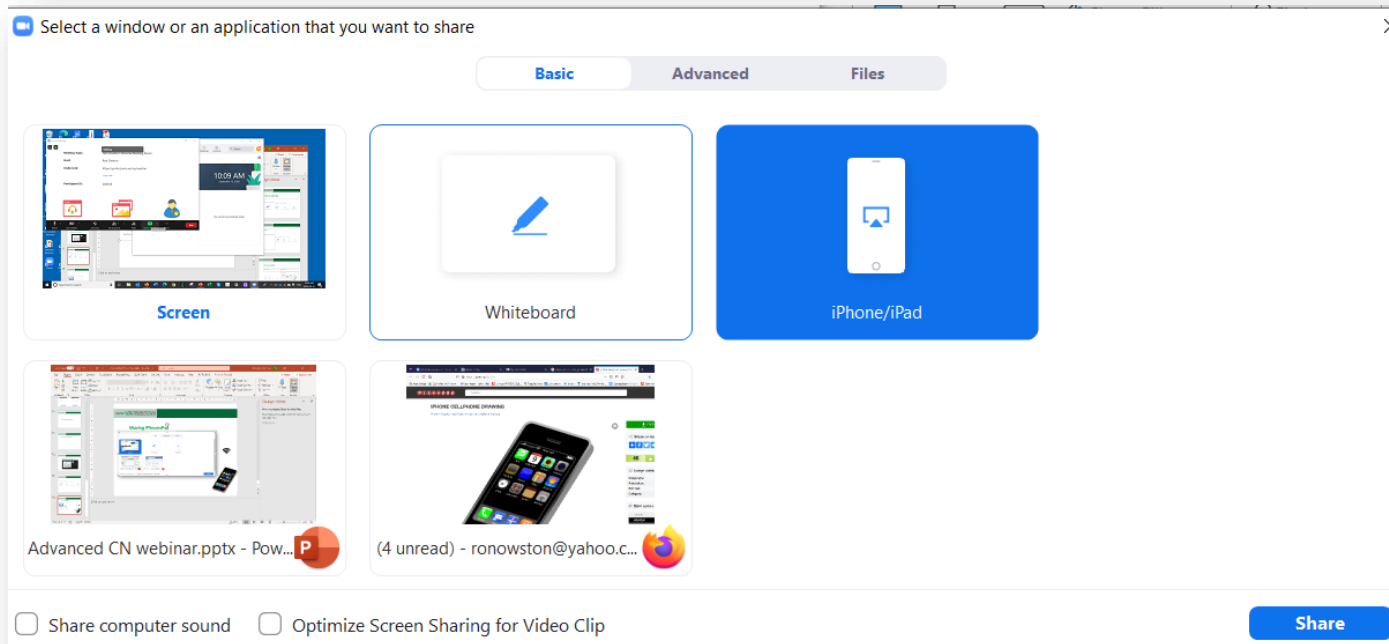
Clear responses 

Click on the part of the world where you live

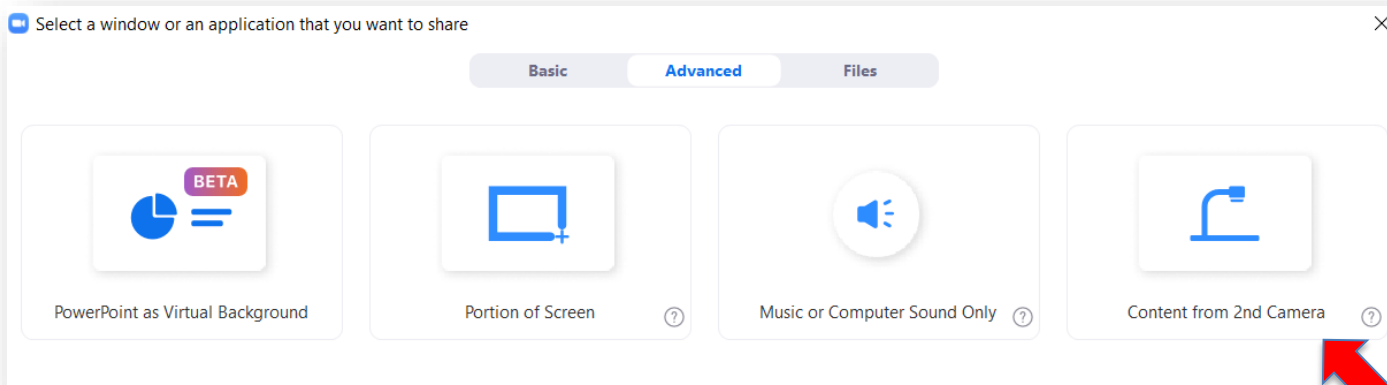


 Poll Everywhere

Basic sharing - iPhone/iPad




Advanced sharing

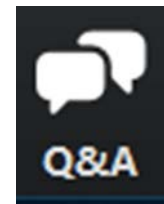


CONTACT NORTH Online Learning Apprentissage en ligne

How to Teach Online Effectively Using Zoom



Ron Owston, PhD
Research Associate, Contact North
Professor Emeritus, York University, Toronto, Canada



3. Engagement and interaction in breakout rooms



Create Breakout Rooms

0 particip

Breakout Rooms - Not Started

- ▼ Breakout Room 1 [Assign](#)
- ▼ Breakout Room 2 [Assign](#)
- ▼ Breakout Room 3 [Assign](#)
- ▼ Breakout Room 4 [Assign](#)

Recreate ▼ Options


- Allow participants to choose room
- Allow participants to return to the main session at any time
- Automatically move all assigned participants into breakout rooms

- Breakout rooms close automatically after: minutes
- Notify me when the time is up
- Countdown after closing breakout room

Set countdown timer: seconds

Pre-assigned breakout rooms

Meeting Options

- Enable join before host
- Mute participants upon entry 
- Only authenticated users can join
- Breakout Room pre-assign

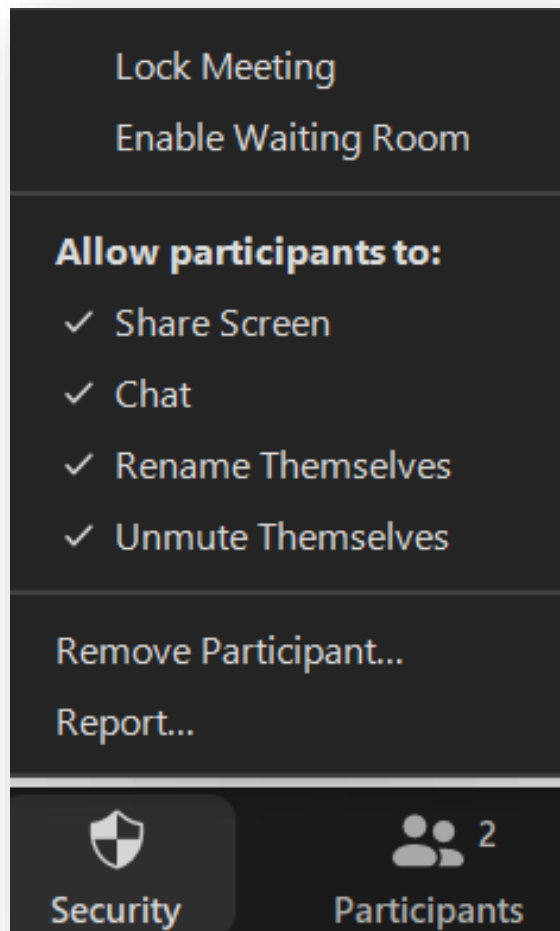
[+ Create Rooms](#)

[Import from CSV](#)

After scheduling this meeting, the pre-assign rooms here will apply to all sessions of this meeting.
Personal Meeting ID: [redacted]

	A	B	C
Pre-assign Rooms		Email Address	
2	room1	test1@xxx.com	
3	room1	test2@xxx.com	
4	room2	test3@xxx.com	
5	room2	test4@xxx.com	
6	room3	test5@xxx.com	
7	room3	test6@xxx.com	

Enable desired tools before moving to rooms





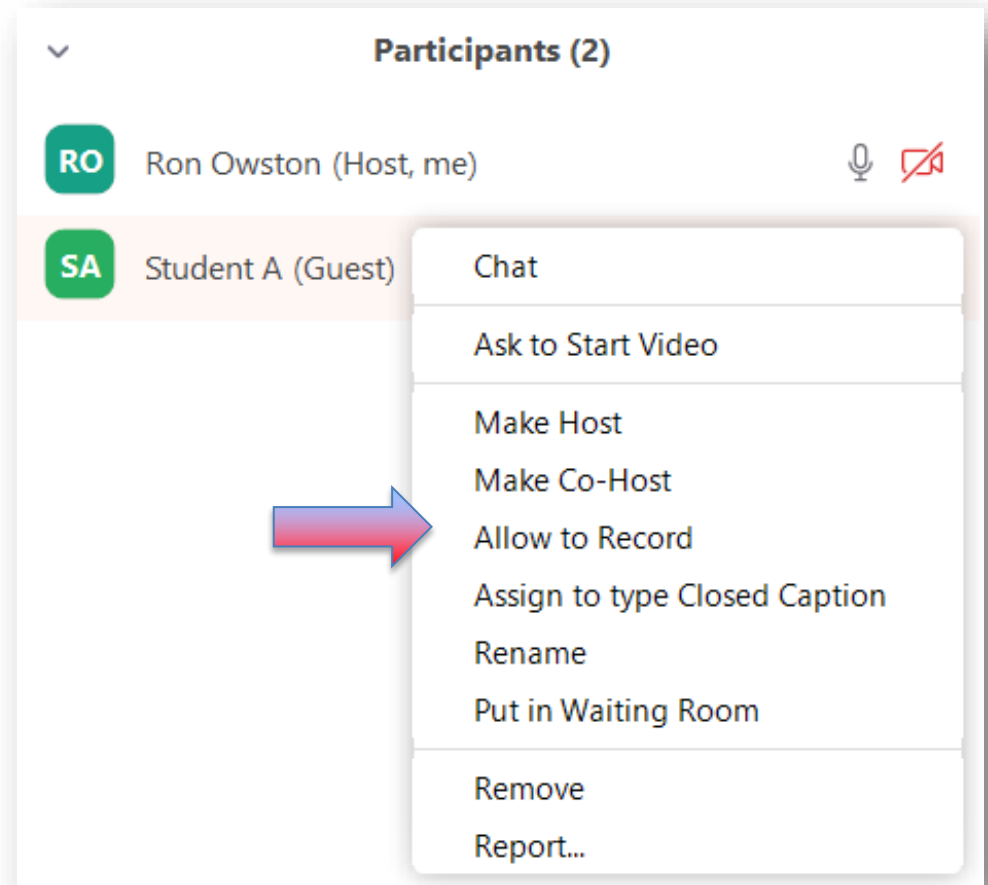
Lock Meeting
Enable Waiting Room

Allow participants to:



- ✓ Share Screen
- ✓ Chat
- ✓ Rename Themselves
- ✓ Unmute Themselves

Remove Participant...
Report...

 Security  2 Participants




Participants (2)

RO Ron Owston (Host, me)  

SA Student A (Guest)

- Chat
- Ask to Start Video
- Make Host
- Make Co-Host
- Allow to Record
- Assign to type Closed Caption
- Rename
- Put in Waiting Room
- Remove
- Report...



Ideas for interactive/engaging activities in breakout rooms



Discussions



Whiteboard



Wiki



Google docs

Discussion groups



Make sure to structure task



Assign student responsibilities eg
facilitator, recorder, researchers,
reporter

Whiteboard collaboration

The image shows a whiteboard interface with a toolbar at the top. The toolbar includes icons for Mouse, Text, Draw, Stamp, Arrow, Eraser, Format, Undo, Redo, Clear, Save, and a close button. The main area contains the text "Ron has entered this text" in blue. Below it, the text "Student A entered this" is shown in red, enclosed in a dashed red box with circular handles at the corners, indicating it is being edited or moved. A cursor is visible to the right of the text.

Mouse Text Draw Stamp Arrow Eraser Format Undo Redo Clear Save

Ron has entered this text

Student A entered this

Wiki ideas



The screenshot shows a Wikibooks page for the book "Issues in Digital Technology in Education/Accessibility and Usability". The page is viewed by the user "Rowston". The navigation bar includes links for "My discussion", "Sandbox", "Preferences", "Beta", "Watchlist", "Contributions", and "Log out". The page has a "Book" tab selected, with sub-tabs for "Discussion", "Read", "Edit", "View history", and "More". A search box is present in the top right corner.

WIKIBOOKS
Open books for an open world

Main Page
Help
Browse
Cookbook
Wikijunior
Featured books
Recent changes
Donations
Random book
Using Wikibooks

rowston@edu.yorku.ca · Log out

Rowston 5 1 My discussion Sandbox Preferences Beta Watchlist Contributions Log out

Book Discussion Read Edit View history ☆ More ▾ Search Wikibooks

Issues in Digital Technology in Education/Accessibility and Usability

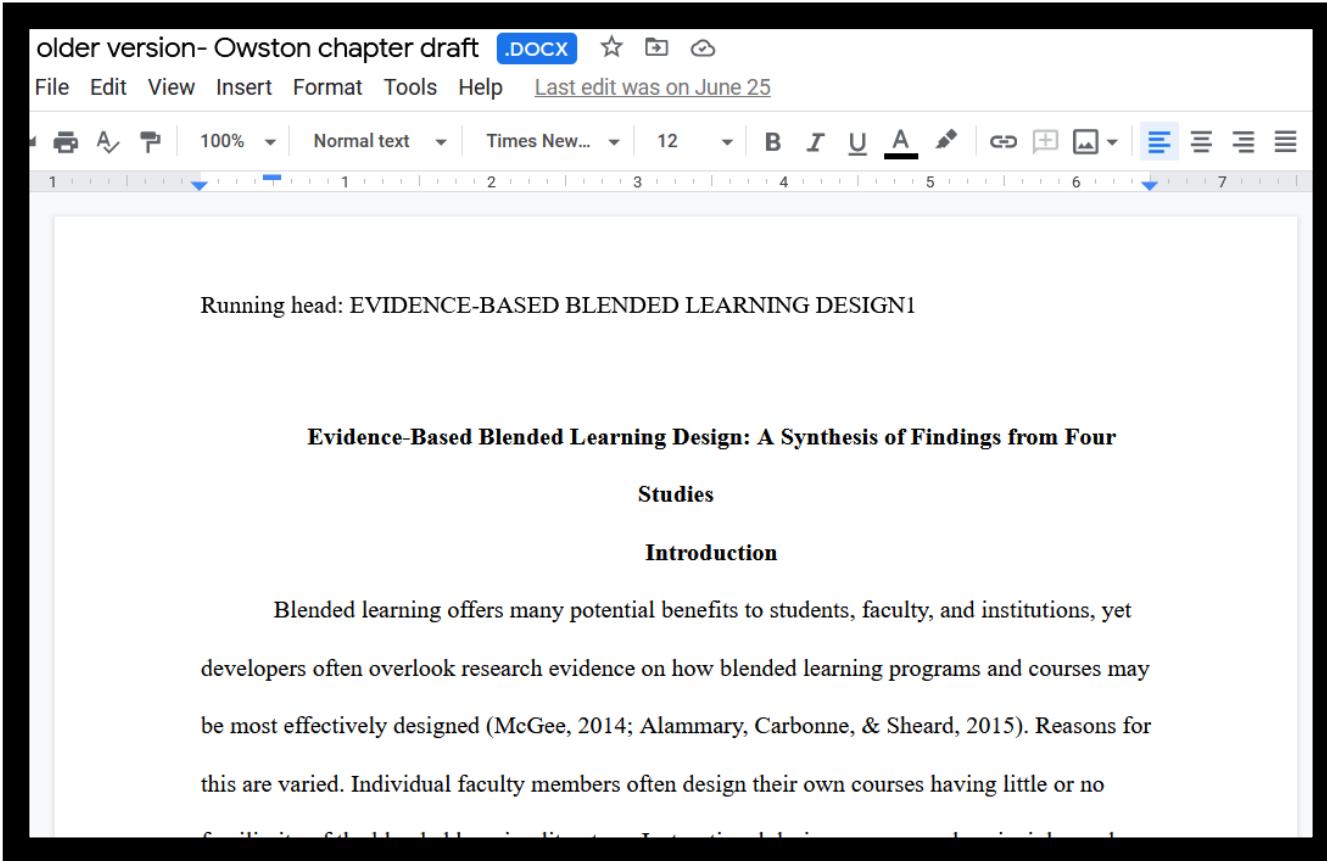
< [Issues in Digital Technology in Education](#)

What is Web Accessibility?

Web accessibility is an extension of the inclusion movement whereby all components within society and the environment in which we live are available and readily accessible to everyone, including people with a disability. "It is essential that the Web be accessible in order to provide equal access and equal opportunity to people with disabilities." (WAI, p.2)

"The potential of the Internet is access for anyone to anything from anywhere at anytime." (Wall & Sarver, 2003, p. 1) In the age of technology, the internet has opened up the world to everyone, in

Collaboration on Google Docs



The image shows a screenshot of a Google Docs document. The title bar at the top reads "older version- Owston chapter draft" followed by a ".DOCX" icon, a star icon, and a share icon. Below the title bar is a menu bar with "File", "Edit", "View", "Insert", "Format", "Tools", and "Help". A status bar below the menu bar indicates "Last edit was on June 25". The main toolbar contains icons for undo, redo, print, zoom (set to 100%), text style (Normal text), font face (Times New...), font size (12), bold (B), italic (I), underline (U), text color (A), background color, link, insert table, insert image, and list/bulleted list icons. The document content is centered and includes a running head, a title, a subtitle, and the start of an introduction paragraph.

older version- Owston chapter draft .DOCX ☆ ↻

File Edit View Insert Format Tools Help Last edit was on June 25

100% Normal text Times New... 12 B I U A

Running head: EVIDENCE-BASED BLENDED LEARNING DESIGN1

Evidence-Based Blended Learning Design: A Synthesis of Findings from Four Studies

Introduction

Blended learning offers many potential benefits to students, faculty, and institutions, yet developers often overlook research evidence on how blended learning programs and courses may be most effectively designed (McGee, 2014; Alammery, Carbonne, & Sheard, 2015). Reasons for this are varied. Individual faculty members often design their own courses having little or no

Reporting back to full class





- Oral presentation
- Google Slides using instructor prepared template
- Teach mini-lesson
- Video played and/or posted with follow-up activity



4. Student engagement reports



Saving chat logs

Schedule Meeting	Chat 
In Meeting (Basic)	Allow meeting participants to send a message visible to all participants
In Meeting (Advanced)	<input type="checkbox"/> Prevent participants from saving chat 
Email Notification	Private chat 
Other	Allow meeting participants to send a private 1:1 message to another participant.
	Auto saving chats 
	Automatically save all in-meeting chats so that hosts do not need to manually save the text of the chat after the meeting starts.

Save Chat

Participant Can Chat With:

- No one
- Host only
- ✓ Everyone publicly
- Everyone publicly and privately

Poll reports

Profile

Meetings

Webinars

Personal Audio Conference

Recordings

Settings

Account Profile

Reports

[Reports](#) > [Usage Reports](#) > Meeting

[Document](#)

Meeting Report [Report Queue](#)

Include reports that failed to generate results

Report Type	Scheduled Time	Start Time	Topic	Meeting ID	Generate Time	
Poll Report		Mar 31, 2020 05:44:21 PM	Ron Owston's Personal Meeting Room	979 214 2818	Sep 15, 2020 12:54:50 PM	Download
Registration Report	Aug 13, 2020 10:00:00 AM	Not started	Ronald D Owston's Zoom Meeting	986 8123 3276	Sep 9, 2020 09:58:45 PM	Unable to generate report since the meeting does not require registration.
Registration Report	Jun 2, 2020 07:00:00 PM	Not started	GBR Zoom Meeting	964 9033 3019	Jun 24, 2020 09:35:06 AM	Unable to generate report since the meeting does not require

Attendance reports

Profile

Meetings

Webinars

Personal Audio Conference

Recordings

Settings

Account Profile

Reports

Reports > Usage Reports > Usage

From: 09/10/2020 To: 09/11/2020 Search

Maximum report duration: 1 Month

The report displays information for meetings that ended at least 15 minutes ago.

[Export as CSV File](#) [Toggle columns](#)

Topic	Meeting ID	User Name	User Email	Group	Has Zoom Rooms?	Creation Time	Start Time	End Time	Duration (Minutes)	Participants
Ron Owston's Personal Meet...	979 214 2818	Ron Owston	rowston@yorku.ca	YorkU Faculty	No	11/27/2017 08:15:08 PM	09/10/2020 07:34:57 PM	09/10/2020 07:43:24 PM	9	1
EDUC5860 Introduction	954 6078 6975	Ron Owston	rowston@yorku.ca	YorkU Faculty	No	08/06/2020 09:56:25 PM	09/10/2020 07:43:35 PM	09/10/2020 09:07:49 PM	85	22

Meeting Participants

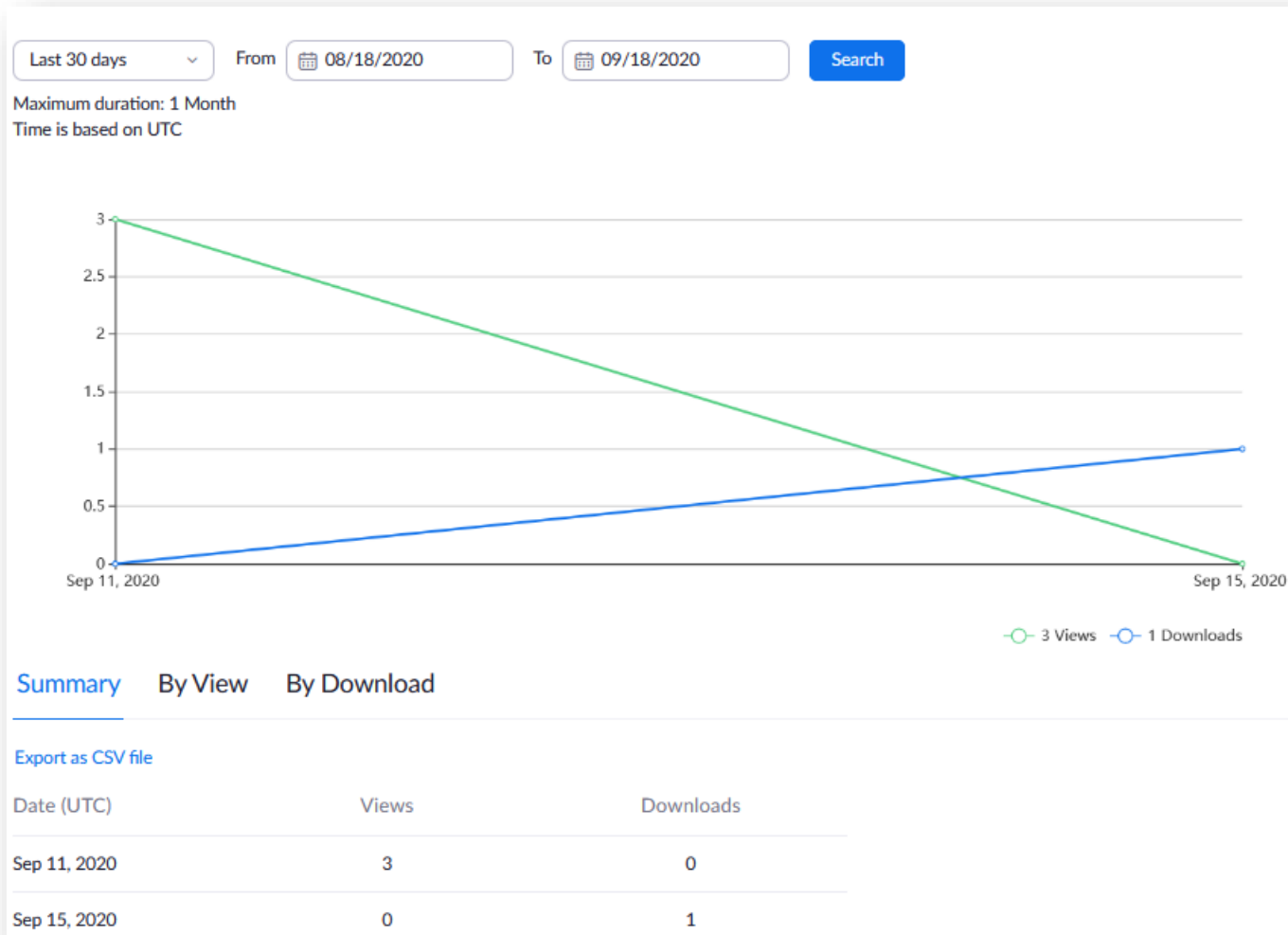
Export with meeting data

Show unique users

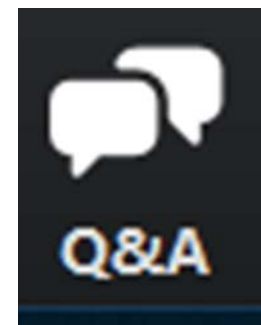
Export

Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minutes)
Ron Owston	rowston@yorku.ca	09/10/2020 07:43:35 PM	09/10/2020 09:07:49 PM	85
Jes	om	09/10/2020 07:51:02 PM	09/10/2020 07:51:14 PM	1
Ed		09/10/2020 07:53:20 PM	09/10/2020 09:07:49 PM	75
Di		09/10/2020 07:53:39 PM	09/10/2020 09:07:49 PM	75
Ch		09/10/2020 07:54:10 PM	09/10/2020 09:07:46 PM	74
Al		09/10/2020 07:54:13 PM	09/10/2020 09:07:49 PM	74

Recording reports



**Challenge – before your
next class try out a
something new you
learned today**



Nov 20 Breakout rooms

Dec 16 Ask anything

Thank you!

<http://ronowston.ca>

**Challenge – before your next
class try out a something new
you learned today**

Thank you!

Nov 20 Breakout rooms

Dec 16 Ask anything

<http://ronowston.ca>

