

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



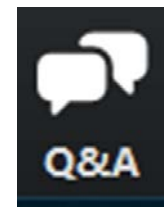
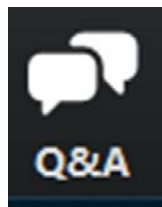
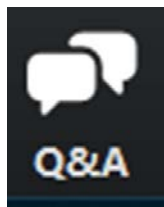
CREATING ENGAGING
PRESENTATIONS



ENGAGEMENT AND
INTERACTION IN
BREAKOUT ROOMS



STUDENT ENGAGEMENT
REPORTS



1. Interaction and engagement through ice-breaking activities



Engagement in Waiting Room

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](#)

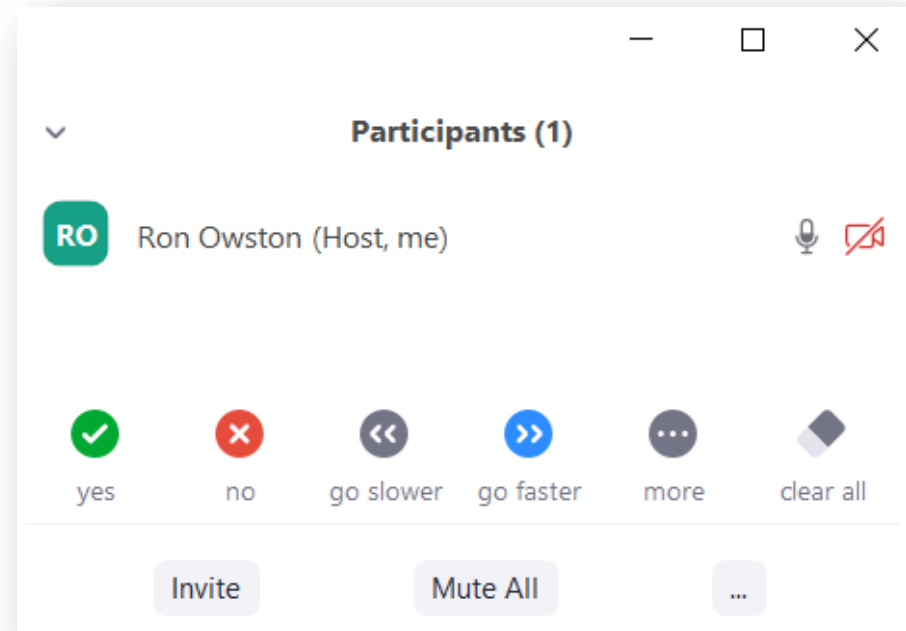
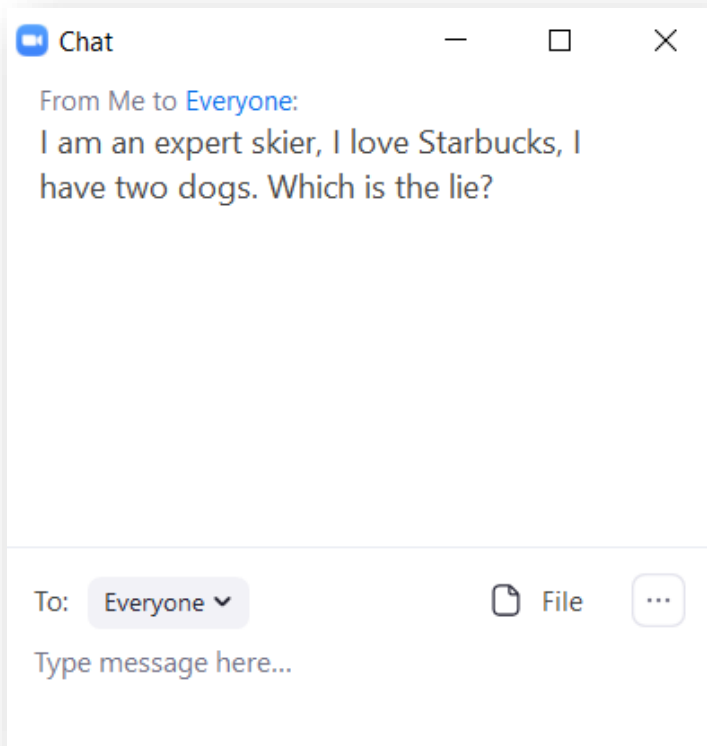
Activity, agenda, link

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

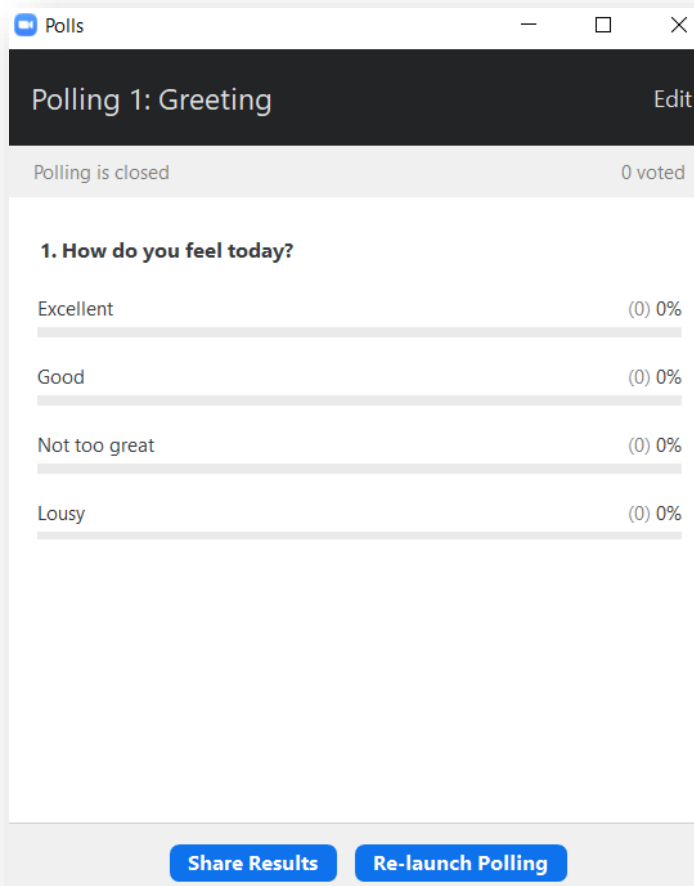
In-meeting ice-breaker activities

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



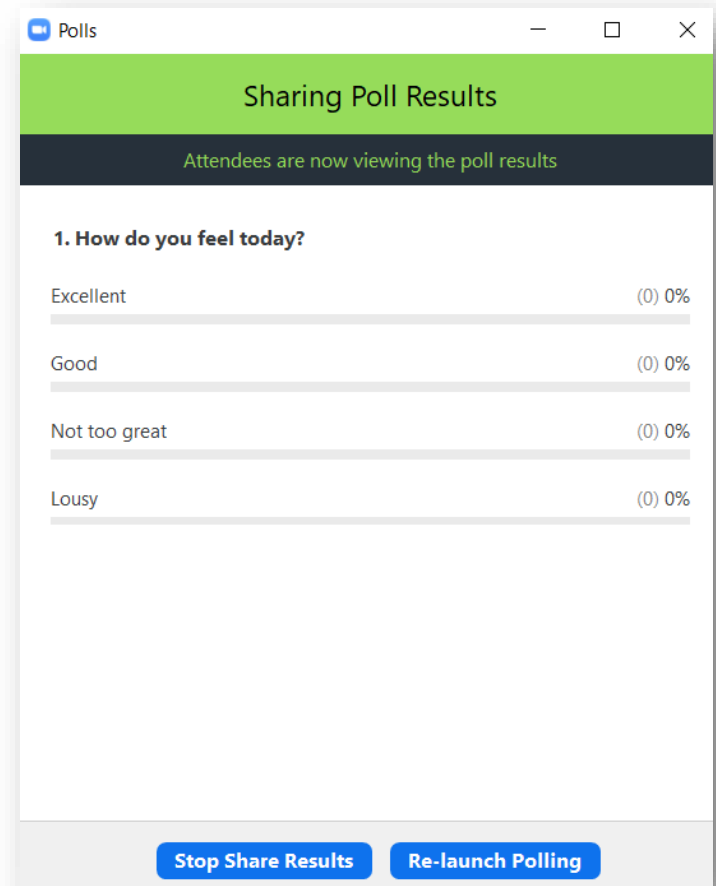
In meeting ice-breaker activities

- Instructor posts question, students vote



The screenshot shows a web application window titled "Polls". The main heading is "Polling 1: Greeting" with an "Edit" link. Below this, a status bar indicates "Polling is closed" and "0 voted". The poll question is "1. How do you feel today?". There are four response options, each with a horizontal bar and a count/percentage: "Excellent" (0) 0%, "Good" (0) 0%, "Not too great" (0) 0%, and "Lousy" (0) 0%. At the bottom, there are two buttons: "Share Results" and "Re-launch Polling".

| Response Option | Count | Percentage |
|-----------------|-------|------------|
| Excellent | 0 | 0% |
| Good | 0 | 0% |
| Not too great | 0 | 0% |
| Lousy | 0 | 0% |



The screenshot shows the same "Polls" application window, but now in the "Sharing Poll Results" state. The top bar is green with the text "Sharing Poll Results". Below it, a dark bar indicates "Attendees are now viewing the poll results". The poll question and response options remain the same, but the status bar now says "Attendees are now viewing the poll results". At the bottom, the buttons are "Stop Share Results" and "Re-launch Polling".

| Response Option | Count | Percentage |
|-----------------|-------|------------|
| Excellent | 0 | 0% |
| Good | 0 | 0% |
| Not too great | 0 | 0% |
| Lousy | 0 | 0% |

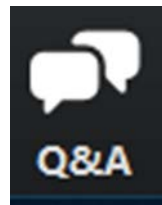
Other ice-breaker ideas



Ask students to show a virtual background that reflects themselves



Quiz with visual answers

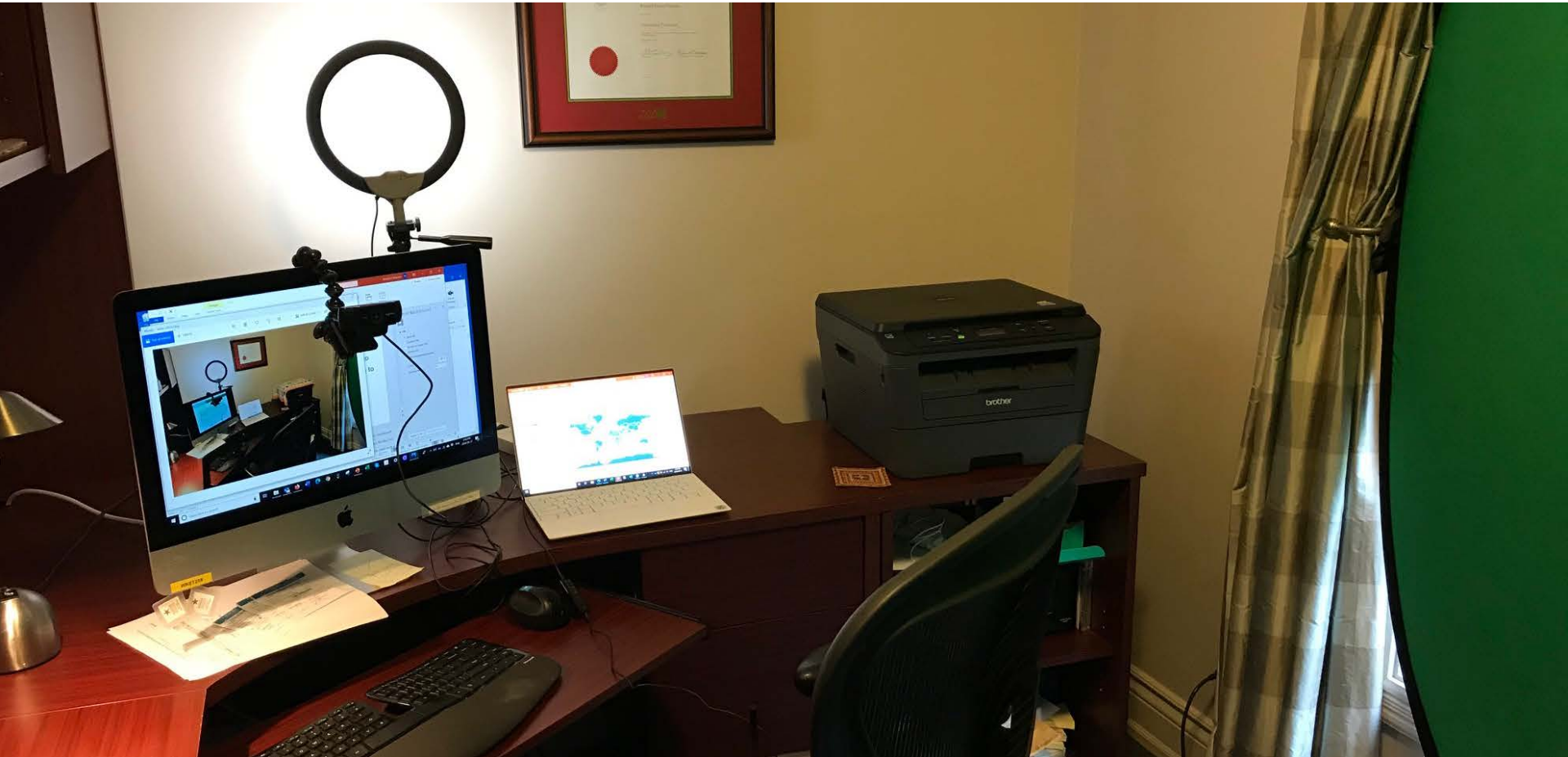


2. Creating engaging presentations



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 your 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⁻

Respond at PollEv.com/ronowston406

Visual settings 

Activate 

Show responses 

Lock 

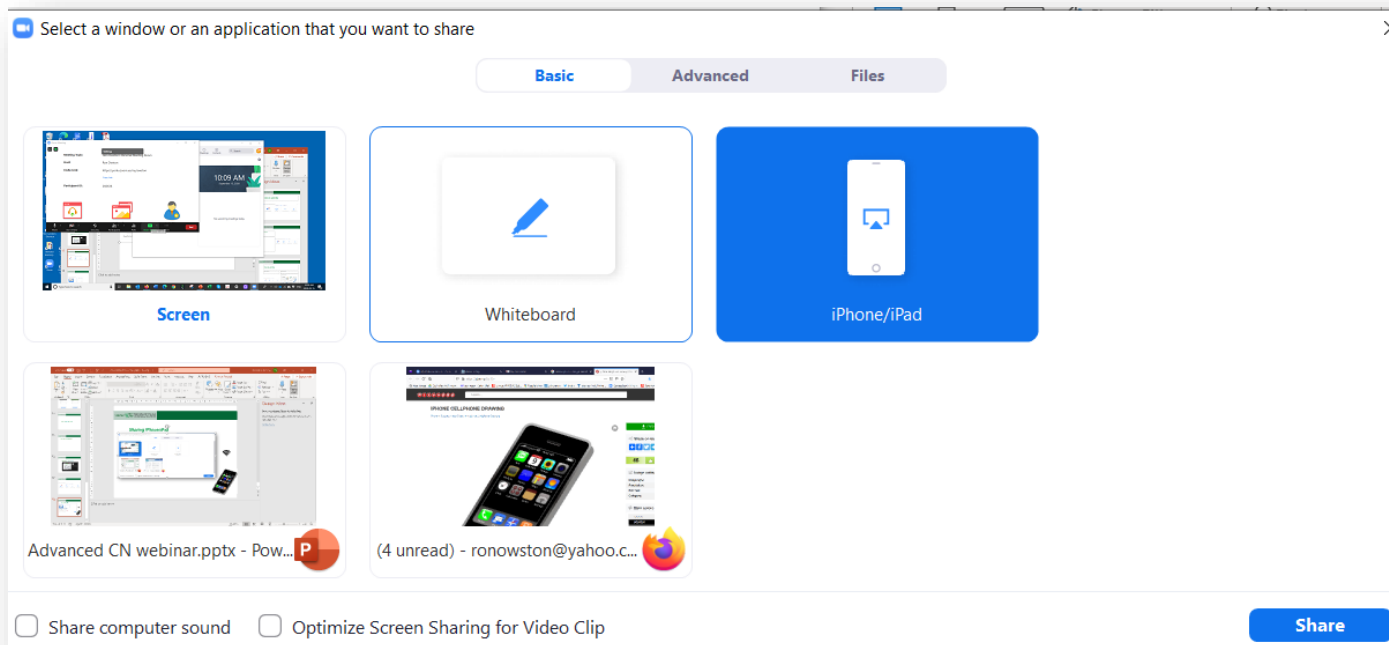
Clear responses 

Click on the part of the world where you live

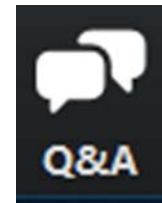
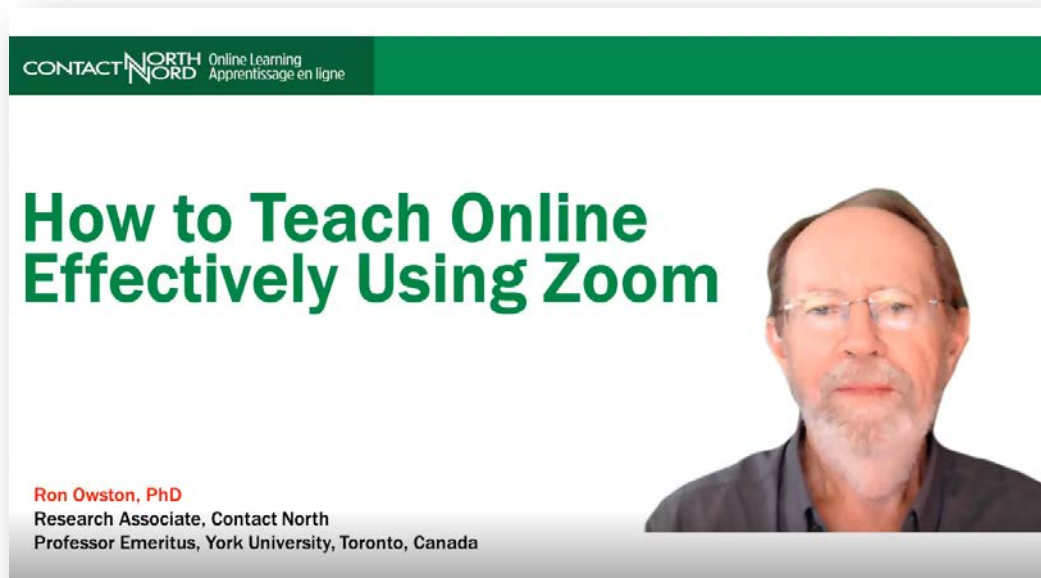
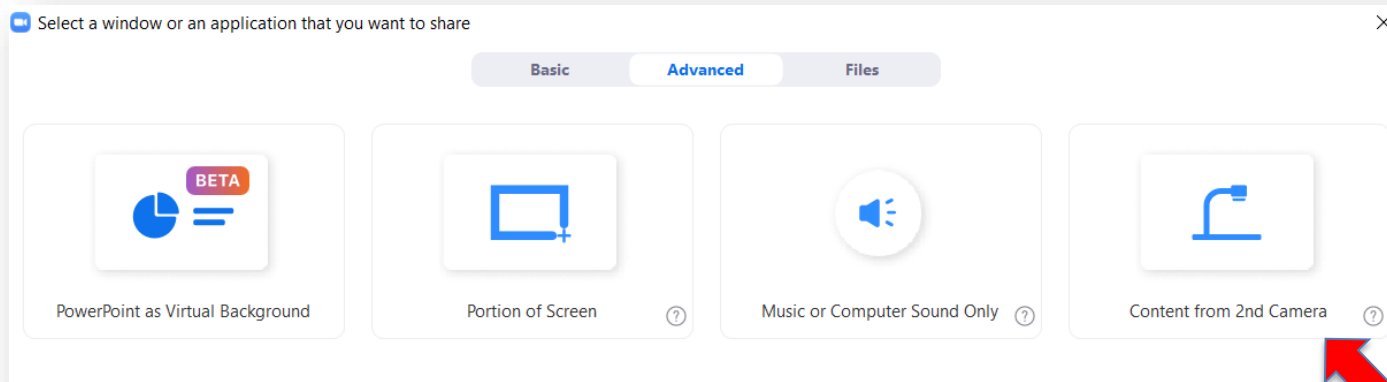


 Poll Everywhere

Basic sharing - iPhone/iPad



Advanced sharing



3. Engagement and interaction in breakout rooms



Creating breakout rooms

The screenshot displays the Zoom 'Create Breakout Rooms' interface. At the top, a window titled 'Create Breakout Rooms' is visible. Below it, a panel titled 'Breakout Rooms - Not Started' lists four breakout rooms, each with an 'Assign' button. A settings dialog is open, showing options for automatic movement, return to main session, automatic closing, and countdown timer. The 'Add a Room' button is highlighted.

Create Breakout Rooms

Breakout Rooms - Not Started

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

[Recreate](#)

☐ Move all participants into breakout rooms automatically

☒ Allow participants to return to the main session at any time

☐ Breakout rooms close automatically after: 30 minutes

☐ Notify me when the time is up

☒ Countdown after closing breakout room

Set countdown timer: 60 seconds

[Options](#) [Add a Room](#) [Open All Rooms](#)

Pre-assigned breakout rooms

Meeting Options

☒ Enable join before host

☐ Mute participants upon entry 

☐ Only authenticated users can join

☒ Breakout Room pre-assign

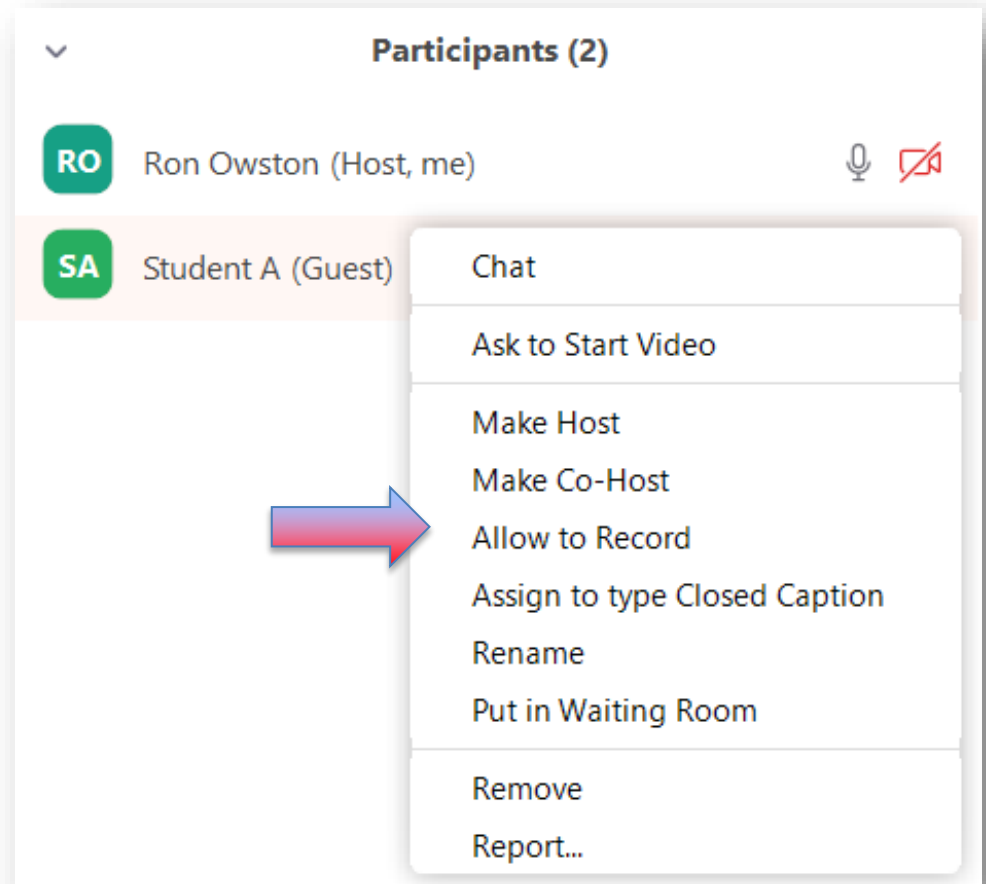
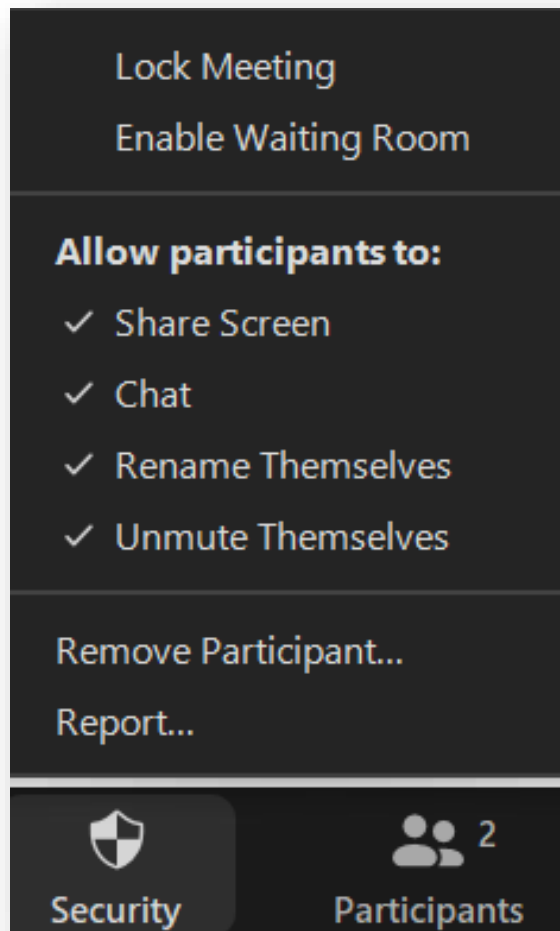
[+ Create Rooms](#)

[Import from CSV](#)

After scheduling this meeting, the options here will apply to all sessions.
Personal Meeting ID: 123456789

| A | B | C |
|------------------|---------------|---|
| Pre-assign Rooms | Email Address | |
| room1 | test1@xxx.com | |
| room1 | test2@xxx.com | |
| room2 | test3@xxx.com | |
| room2 | test4@xxx.com | |
| room3 | test5@xxx.com | |
| room3 | test6@xxx.com | |

Enable desired tools before moving to rooms



Ideas for interactive/engaging activities in breakout rooms



Discussions



Whiteboard

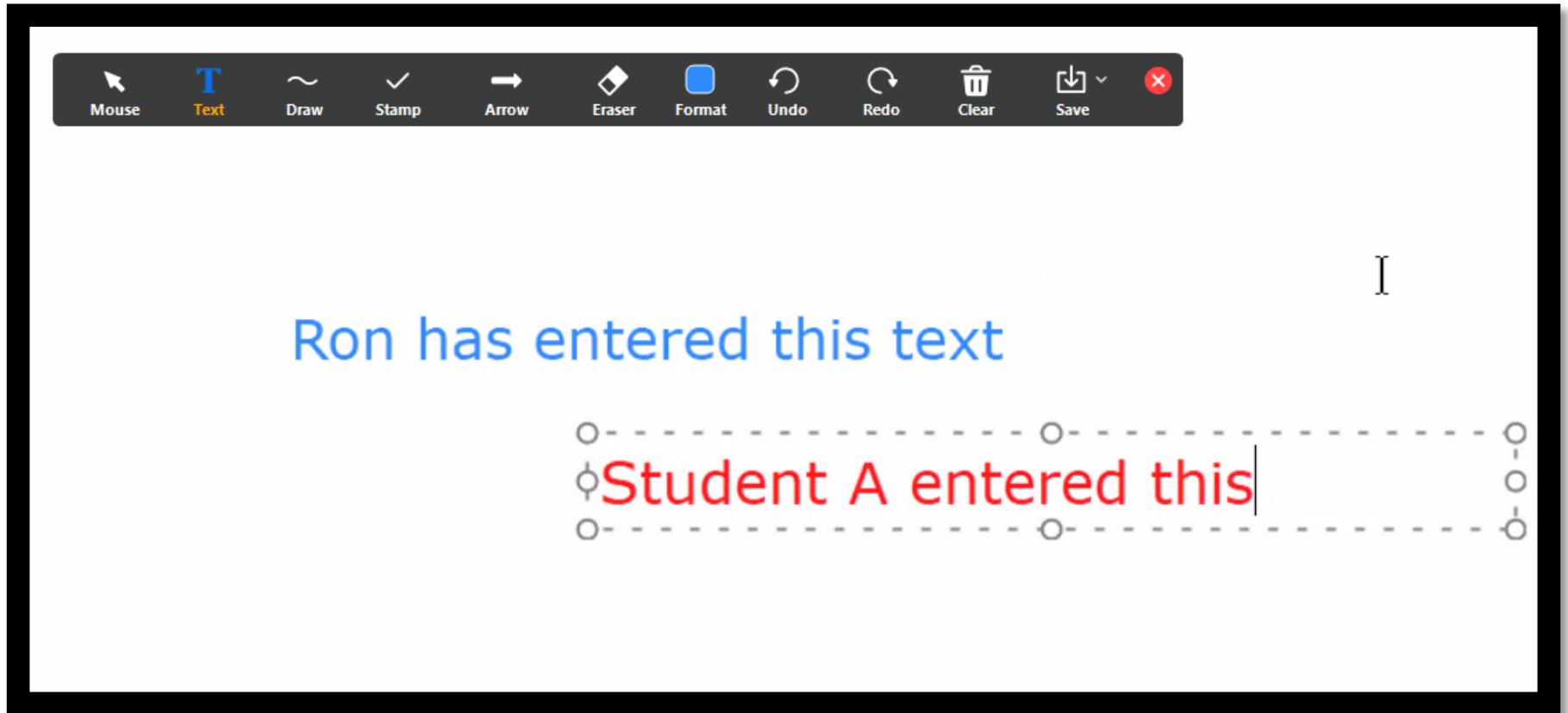


Wiki



Google docs

Whiteboard collaboration



Wiki ideas



- 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

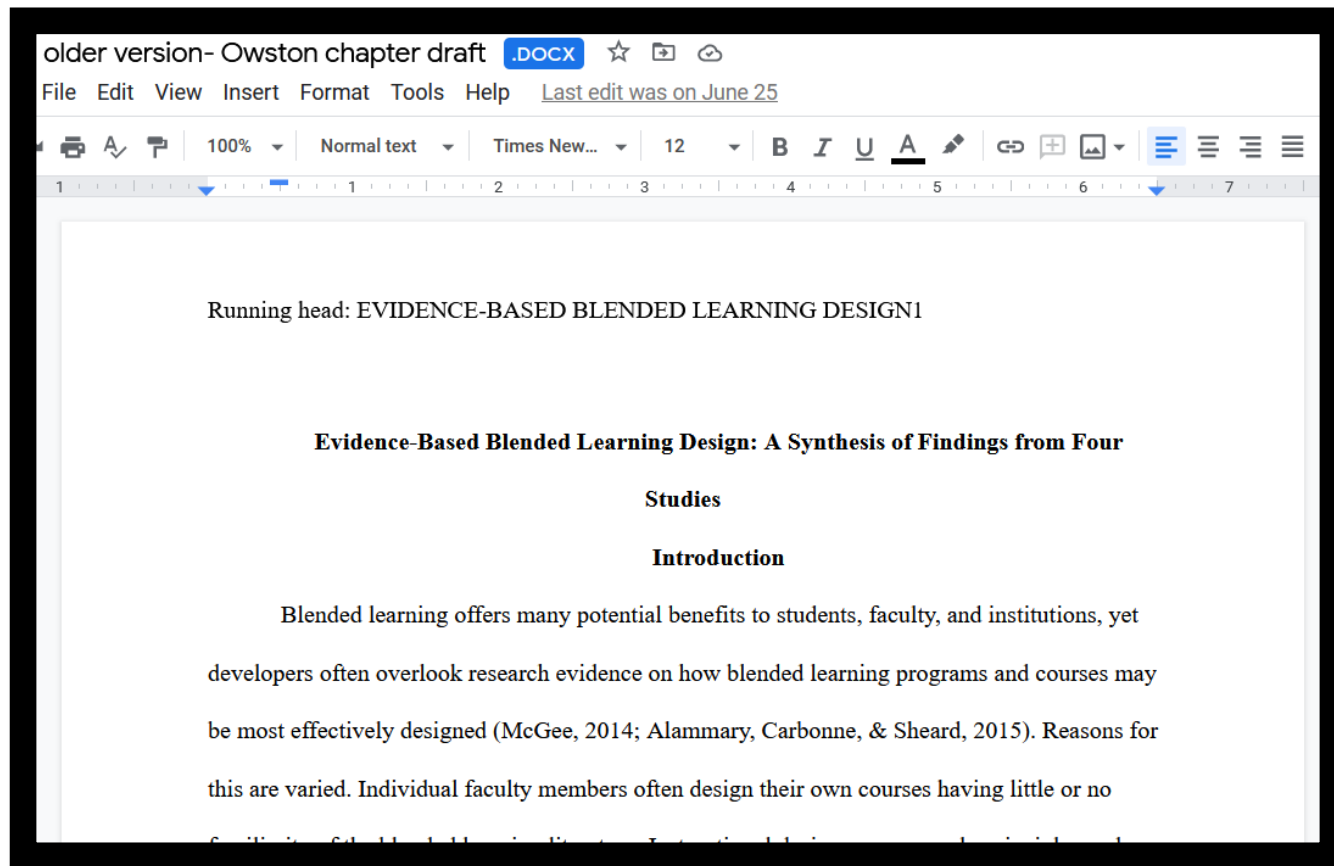
< [Issues in Digital Technology in Education](#)

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



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

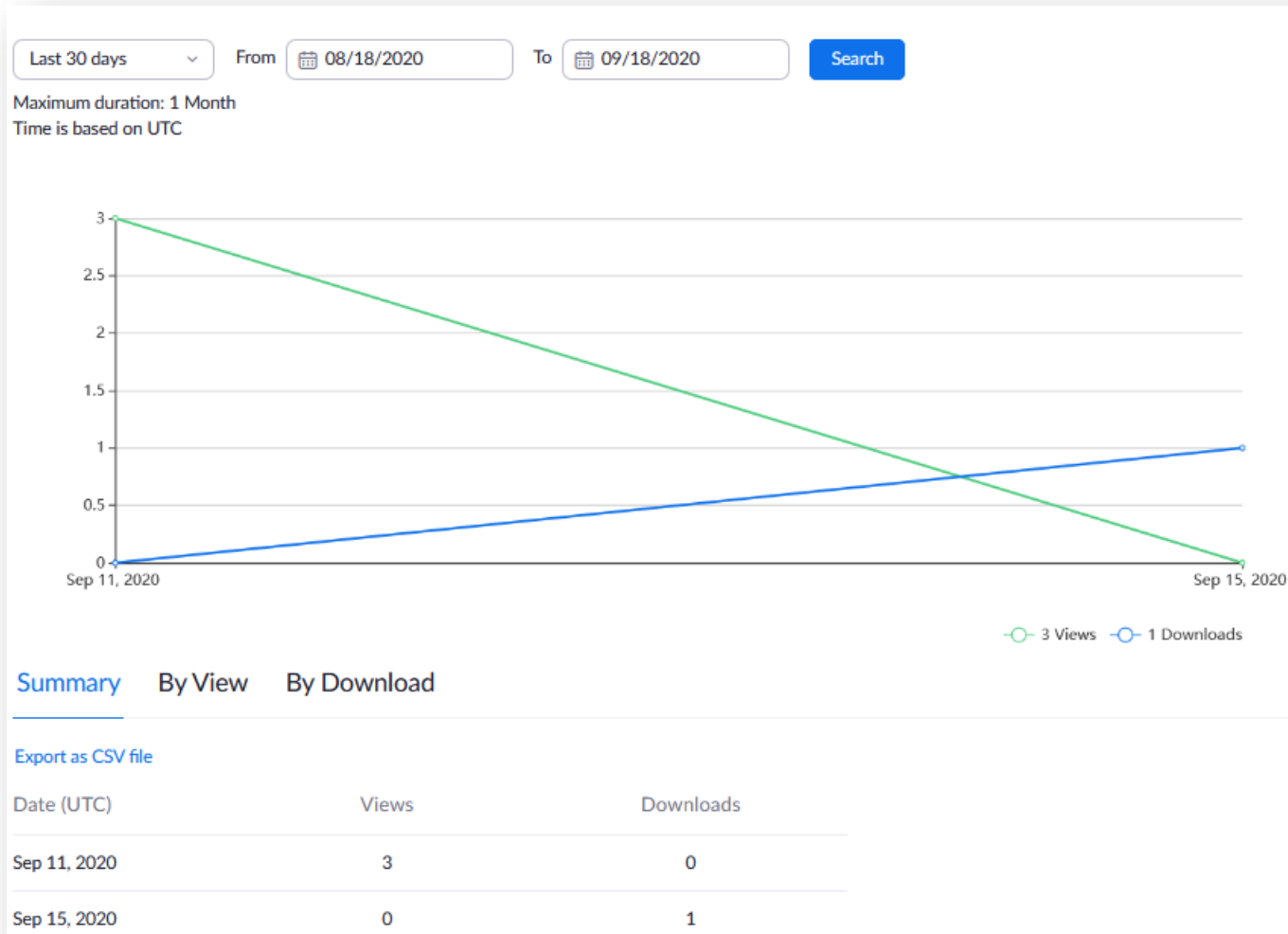
☐ Export with meeting data

☐ Show unique users

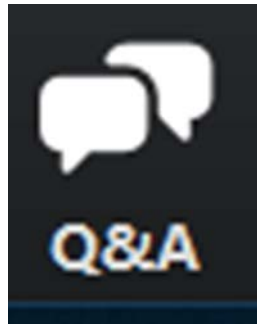
Export

| 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**



Thank you!

<http://ronowston.ca>