

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

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Welcome to Ron's webinar...please go to the above link and click on the part of the world where you live!
To access your browser you may need to exit Zoom full screen by clicking top right.



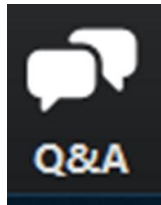
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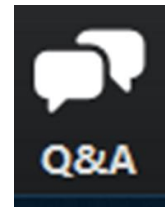
Agenda



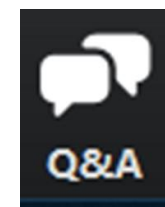
INTERACTION AND
ENGAGEMENT THROUGH ICE-
BREAKING ACTIVITIES



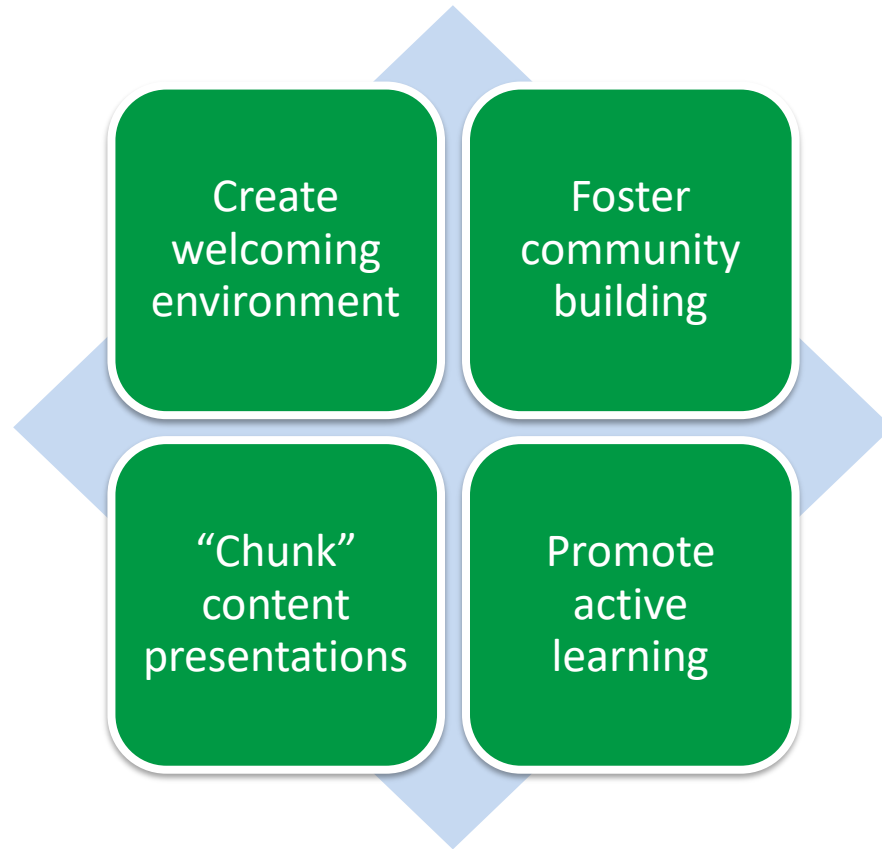
CREATING ENGAGING
PRESENTATIONS



ENGAGEMENT AND
INTERACTION IN BREAKOUT
ROOMS



Basic principles for interactive and engaging sessions



National Academy of Sciences

<https://www.pnas.org/content/116/39/19251>

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 categories: 'Security', 'Schedule Meeting', 'In Meeting (Basic)', 'In Meeting (Advanced)', 'Email Notification', and 'Other'. The 'Security' category is expanded, showing a 'Waiting Room' toggle switch (currently turned on) and a 'Waiting Room Options' section. The 'Waiting Room Options' section contains two checked items: '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 of this section, there are two links: 'Edit Options' and 'Customize Waiting Room', which is circled in green.

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

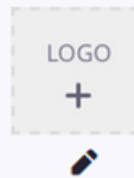
- ✓ Users not in your account will go in the waiting room
- ✓ Host, co-hosts, and anyone who bypassed the waiting room (only if host and co-hosts are not present) can admit participants from the waiting room

[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](#)

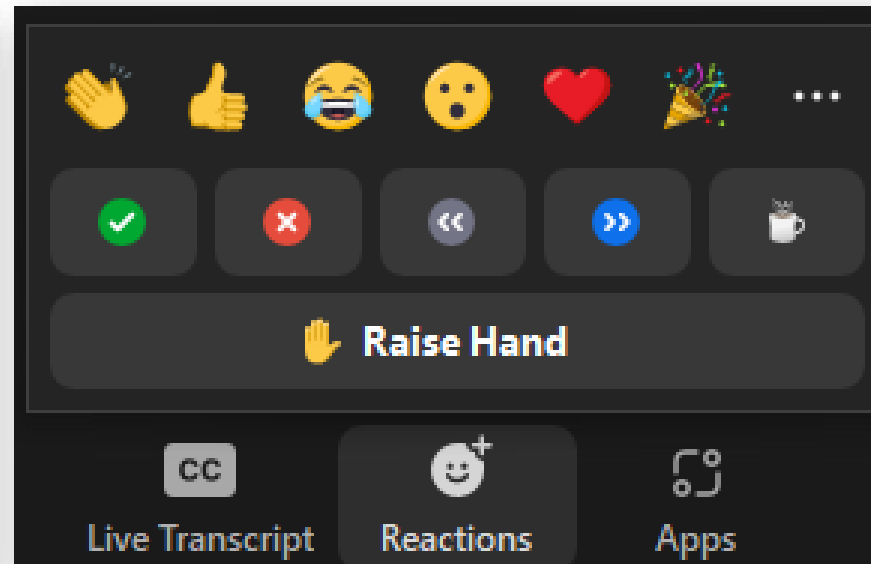
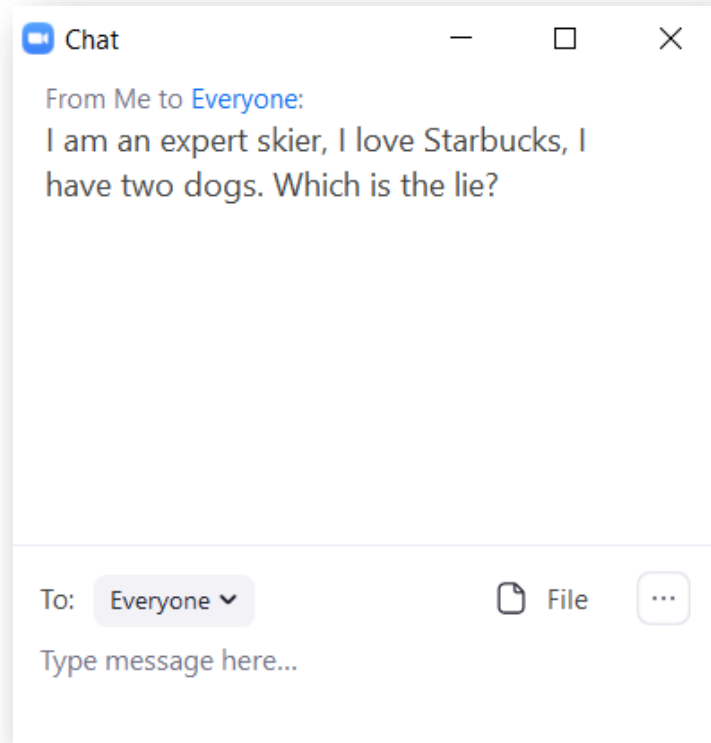
Activity, agenda, link

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

Windows title bar: Polls

Header: Polling 1: Greeting Edit

Status: Polling is closed 0 voted

Question: **1. How do you feel today?**

Excellent	(0) 0%
Good	(0) 0%
Not too great	(0) 0%
Lousy	(0) 0%

Buttons: [Share Results](#) [Re-launch Polling](#)

Windows title bar: Polls

Header: Sharing Poll Results

Status: Attendees are now viewing the poll results

Question: **1. How do you feel today?**

Excellent	(0) 0%
Good	(0) 0%
Not too great	(0) 0%
Lousy	(0) 0%

Buttons: [Stop Share Results](#) [Re-launch Polling](#)

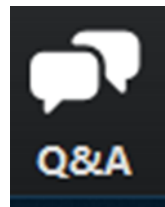
Other in meeting ice-breaker ideas



Ask students to show a virtual background that reflects themselves



Quiz with visual answers

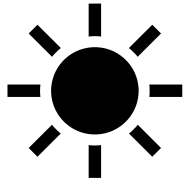


2. Creating engaging presentations



Photo credit: zoom.us

Pay attention to physical setup!





Source <https://er.educause.edu/blogs/2021/2/putting-your-best-self-forward-6-keys-for-filming-quality-videos#fn1>

My physical setup



Screensharing PowerPoint

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

Get student feedback directly in PPT/Google Slides – Polleverywhere.com

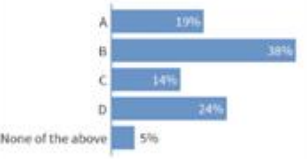
Choose an activity

Blank activities | Small discussions | Large gatherings | Interesting visuals | WFH Icebreakers

Blank activities

When poll is active, respond at Polleverywhere.com

Untitled multiple choice question



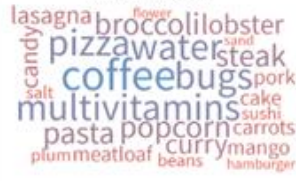
Option	Percentage
A	19%
B	38%
C	14%
D	24%
None of the above	5%

Multiple choice

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

When poll is active, respond at Polleverywhere.com

Untitled word cloud




Word cloud

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

When poll is active, respond at Polleverywhere.com

Leaderboard

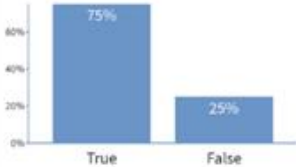


Competition

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

When poll is active, respond at Polleverywhere.com

Untitled true or false question



Response	Percentage
True	75%
False	25%

True or false

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

When poll is active, respond at Polleverywhere.com

Untitled open-ended question

"I really enjoyed this! Looking forward to the next session."

"I would like to dive more into the third chapter"

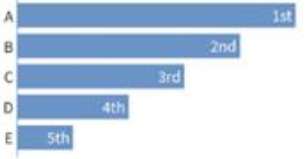
"Could you repeat the first part?"

Open-ended

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

When poll is active, respond at Polleverywhere.com

Untitled ranking activity




Item	Rank
A	1st
B	2nd
C	3rd
D	4th
E	5th

Ranking

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

When poll is active, respond at Polleverywhere.com

Untitled clickable image activity




Clickable image

Click anywhere on any image to drop a pin.

When poll is active, respond at Polleverywhere.com

Untitled Q&A




Question & answer

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

When poll is active, respond at Polleverywhere.com

Untitled self-paced survey

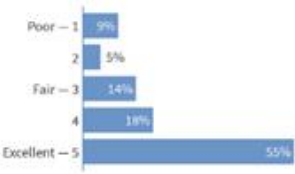


Self-paced survey

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

When poll is active, respond at Polleverywhere.com

Untitled numeric rating



Rating	Percentage
Poor - 1	9%
2	5%
Fair - 3	14%
4	18%
Excellent - 5	55%

Numeric rating

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

Sharing - iPhone/iPad



Select a window or an application that you want to share

Basic Advanced Files

Screen Whiteboard iPhone/iPad


Advanced CN webinar.pptx - Pow... P (4 unread) - ronowston@yahoo.c... F

Share computer sound Optimize Screen Sharing for Video Clip Share

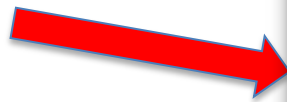
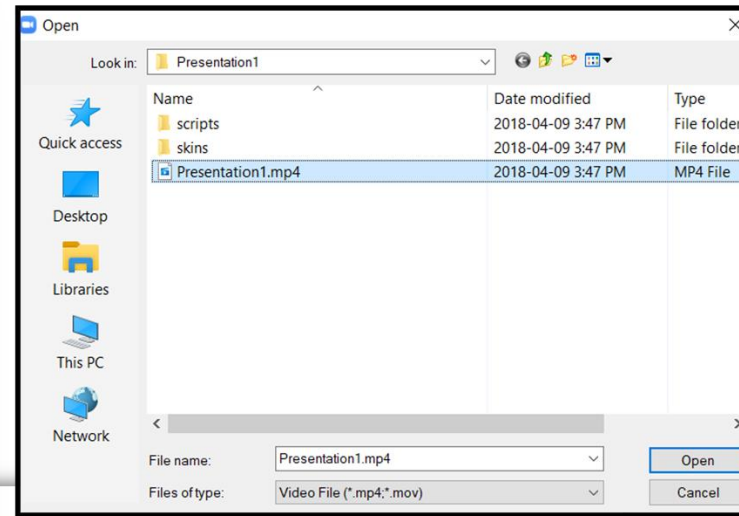
Advanced sharing

CONTACT NORTH Online Learning
Apprentissage en ligne

How to Teach Online Effectively Using Zoom



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Research Associate, Contact North
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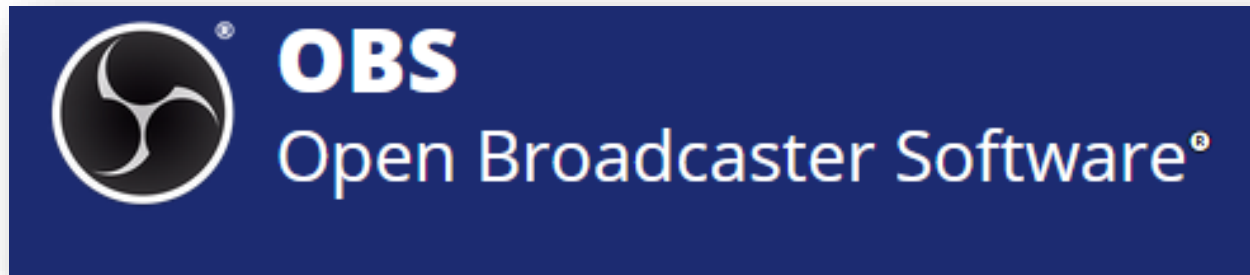


Basic **Advanced**

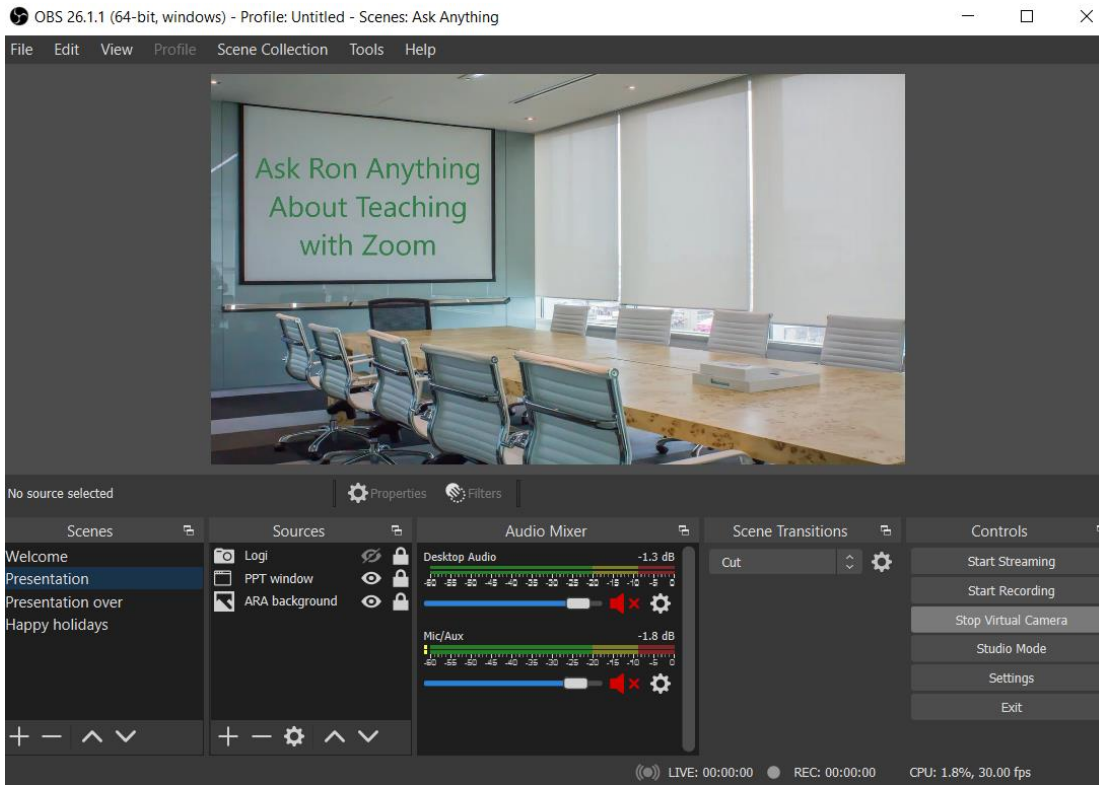
- PowerPoint as Virtual Background (BETA)
- Portion of Screen
- Computer Audio
- Video**
- Content from 2nd Camera

Share sound Optimize for video clip **Share**

Creating engaging presentations with OBS Studio!

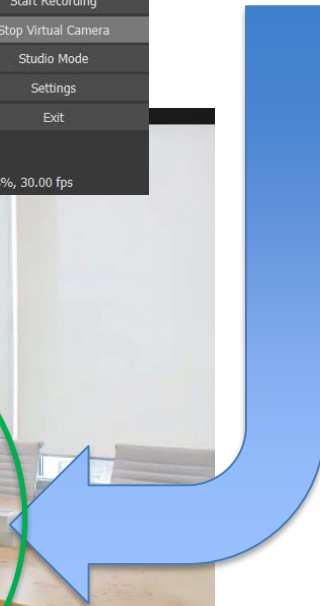
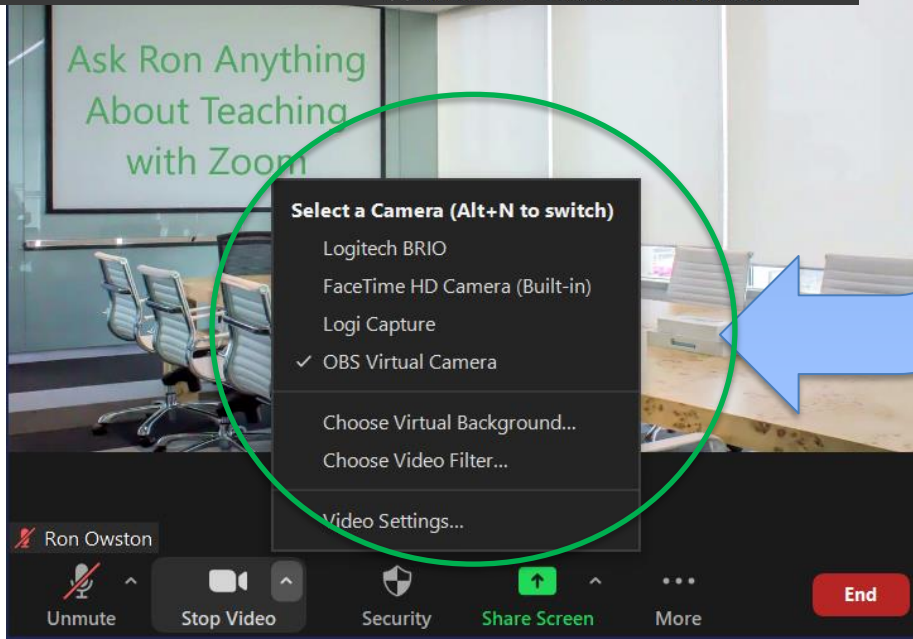


<https://obsproject.com>



**OBS
Studio**

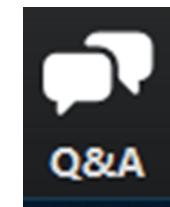
Zoom



3. Engagement and interaction in breakout rooms



credit Business Insider



Guiding principles...

Equitable
distribution of
labour

Sustained work
may be better

Get rid of grade
competition
within group?

Assign prework

Define activity
boundaries

Ideas for interactive/engaging activities in breakout rooms



Discussions



Whiteboard



Google docs

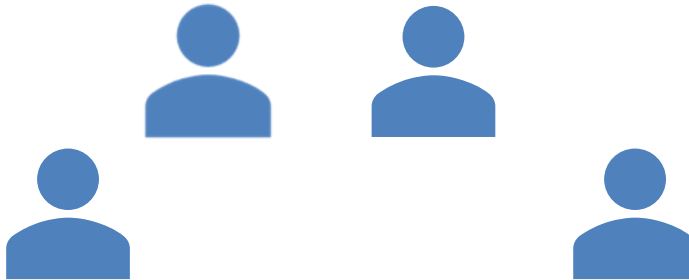


Wiki

Discussion groups

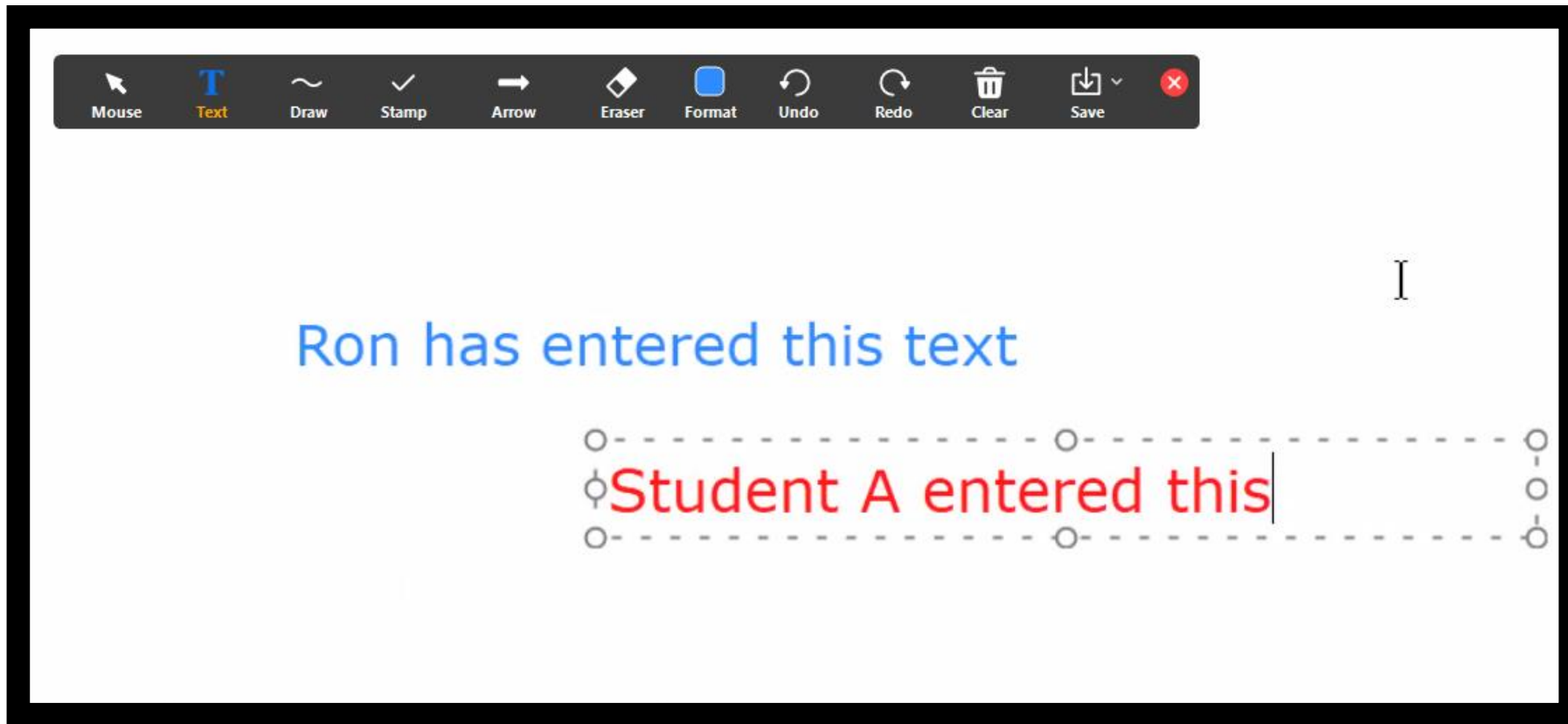


Make sure to structure task

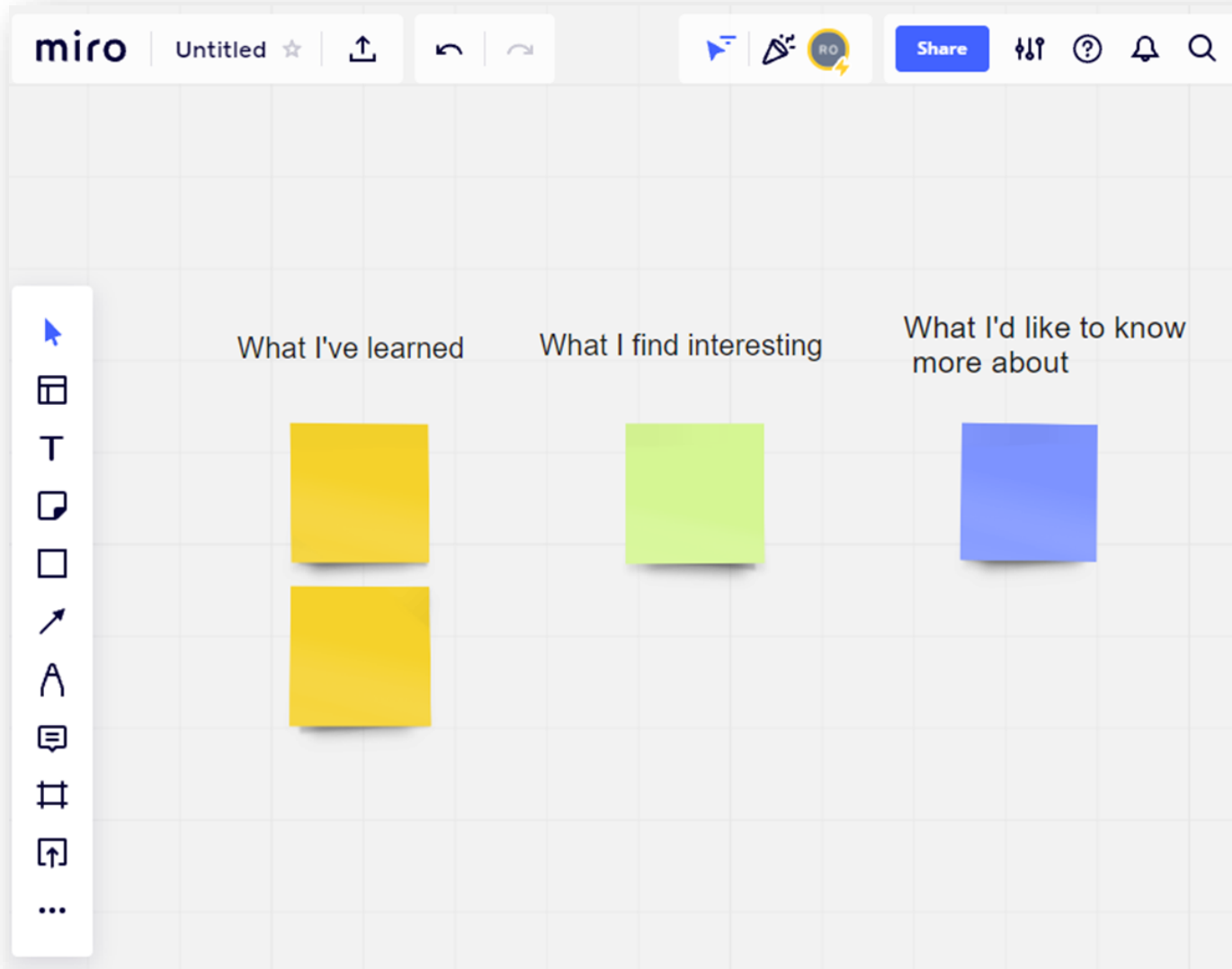


**Assign student responsibilities
eg facilitator, recorder,
researchers, reporter**

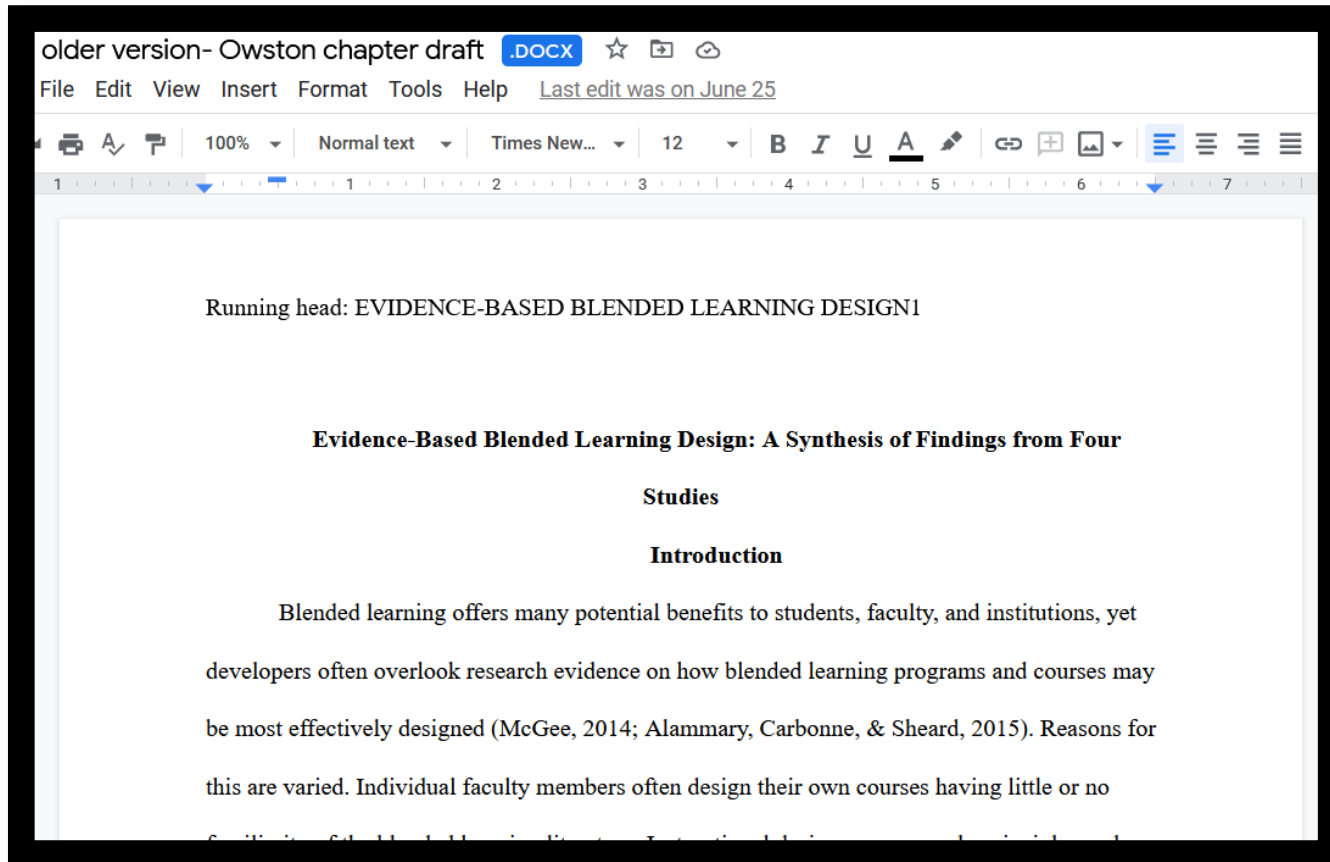
Whiteboard collaboration



Miro whiteboard activity



Collaboration on Google Docs




Wiki ideas

My PBworks rowston@edu.yorku.ca · Log out

PBWORKS

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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

Other breakout room ideas

ESCAPE ROOMS

MEMES

DIFFERENTIATED ROOMS

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



In summary...enhance interaction and engagement by creating



Ice-breaking
activities

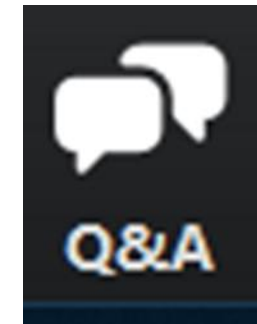


Effective
presentations



Structured breakout
room work

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



Dec 8 - Ask Ron Anything About Zoom

Thank you!

<http://ronowston.ca>