

How to Create Active and Engaging Learning Experiences with Zoom Breakout Rooms

We will begin shortly. Please answer the brief poll question. If you have any breakout room activities you'd like to share, please post them in Q&A.

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Professor Emeritus, York University, Toronto, Canada

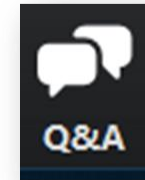
Agenda



**1. Why use
breakout rooms?**



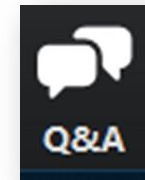
**2. How to set up
breakout rooms**



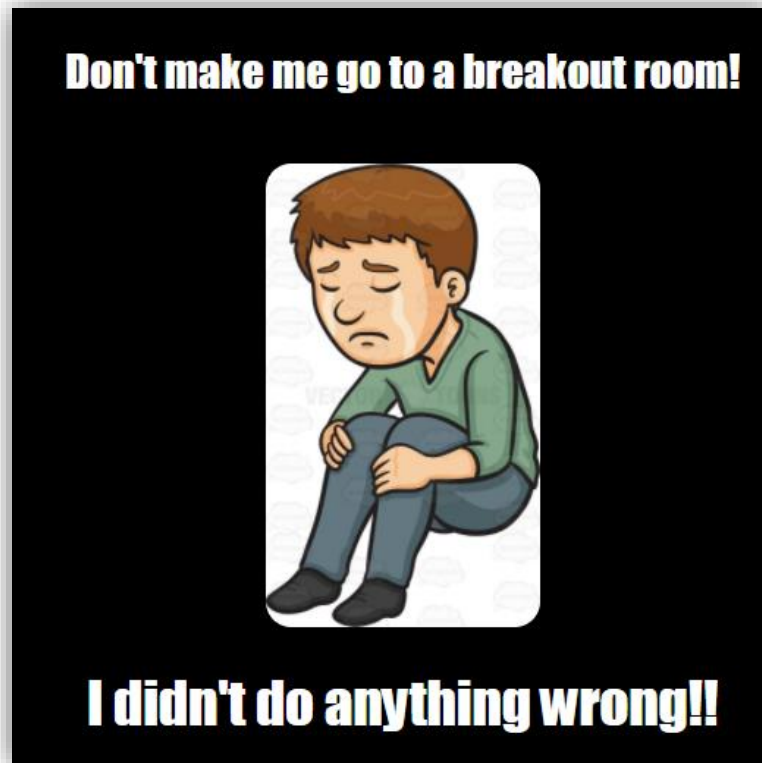
**3. Breakout room
activities**



**4. Return to whole
class and sharing**



1. Why use breakout rooms?



Breakout rooms...



Support active learning



Maintain engagement



Foster community building

Guiding principles...

Equitable
distribution of
labour

Sustained
work may be
better

Grade
competition
within group?

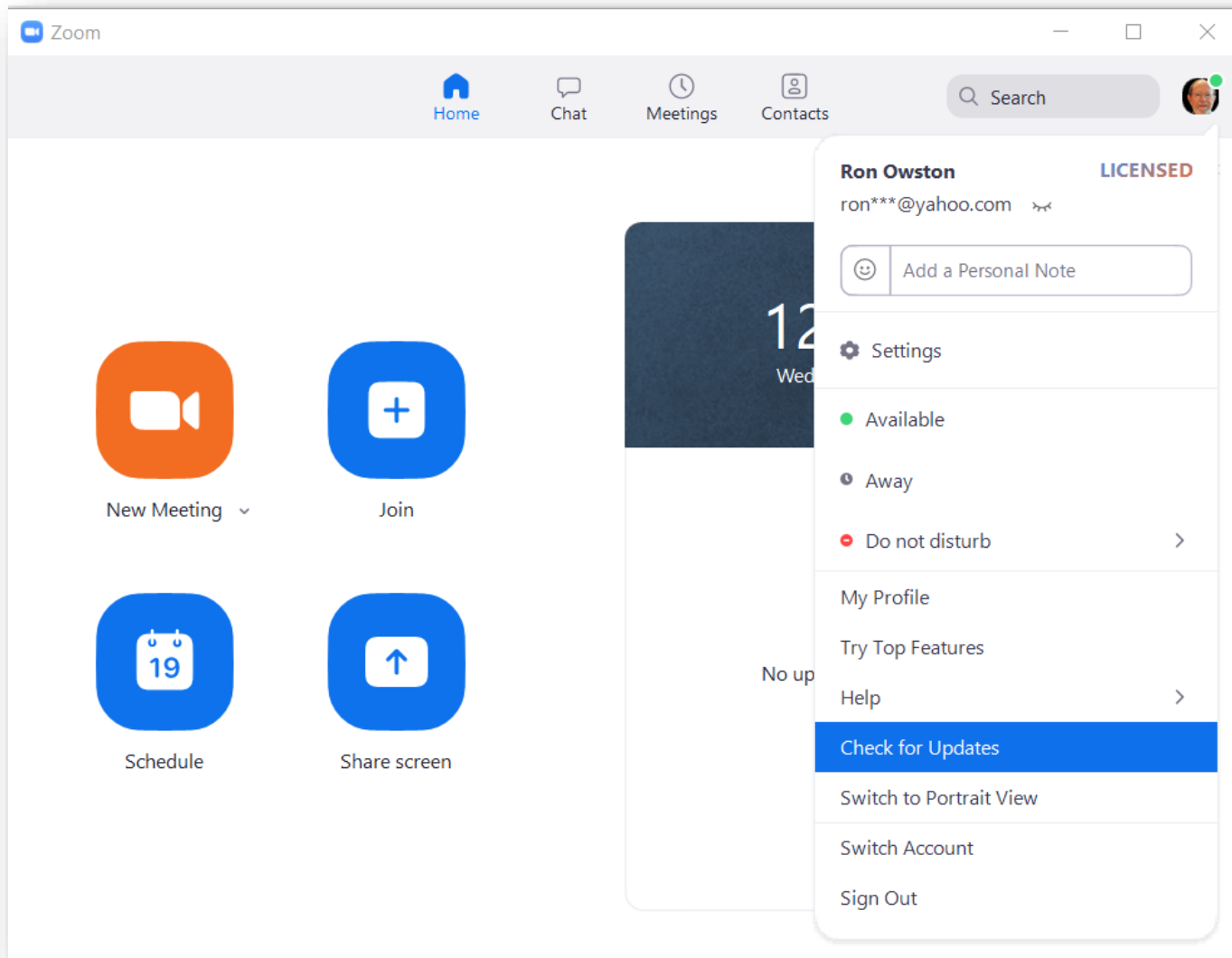
Assign
prework

Define activity
boundaries

2. Setting up breakout rooms



Update your app (desktop client) !



Create Breakout Rooms

Create breakout rooms

☒ A

☐ A

☐ L

Breakout Rooms - Not Started

▼ Breakout Room 1

Assign

▼ Breakout Room 2

Assign

▼ Breakout Room 3

Assign

▼ Breakout Room 4

Assign

0 participants

Recreate ▼

☐ 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

Breakout room roles



Co-host



Alternative host



- Both can now assign students to meeting
- Co-host can only be assigned in meeting
- Alternative host assigned in advance and can start meetings (and create polls)

Pre-assigned breakout rooms

Meeting Options

☒ Enable join before host

☐ Mute participants upon entry 

☐ Only authenticated users can join

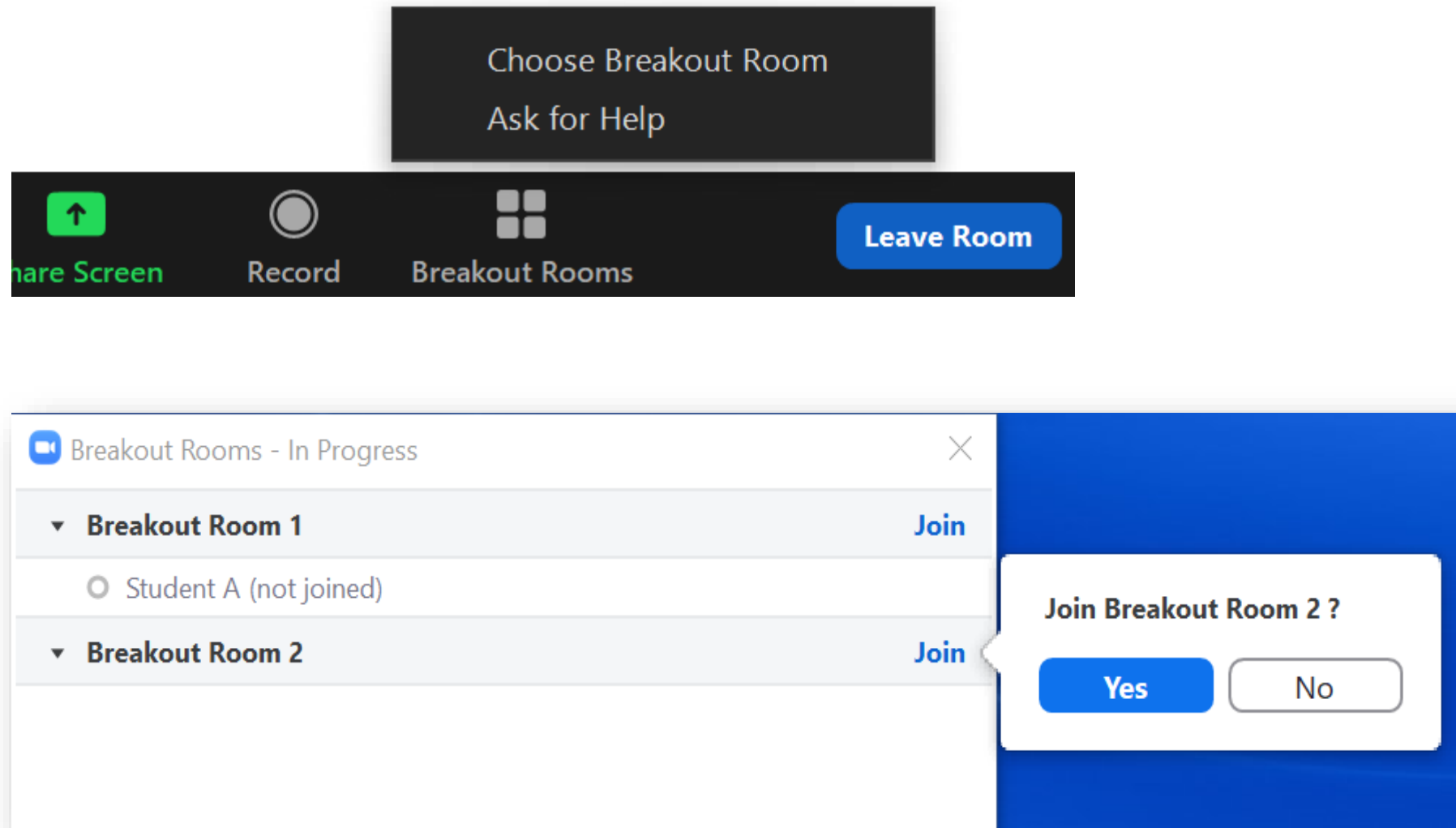
☒ Breakout Room pre-assign

[+ Create Rooms](#)

[↑ Import from CSV](#)

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

Self-selecting breakout room – student view



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)

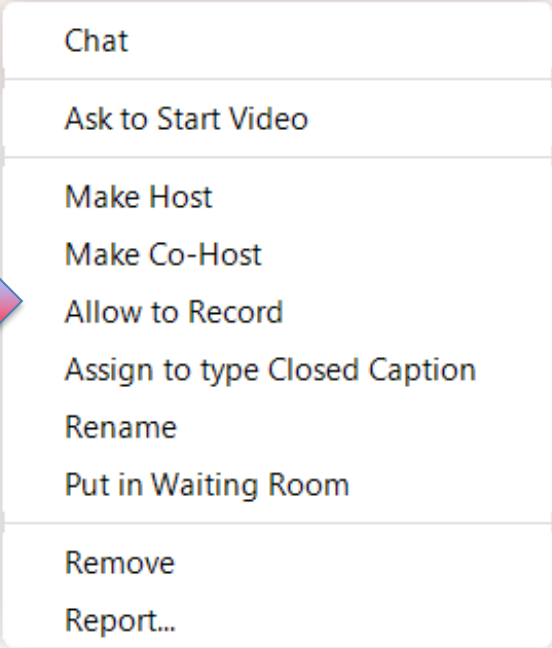
RO

Ron Owston (Host, me)

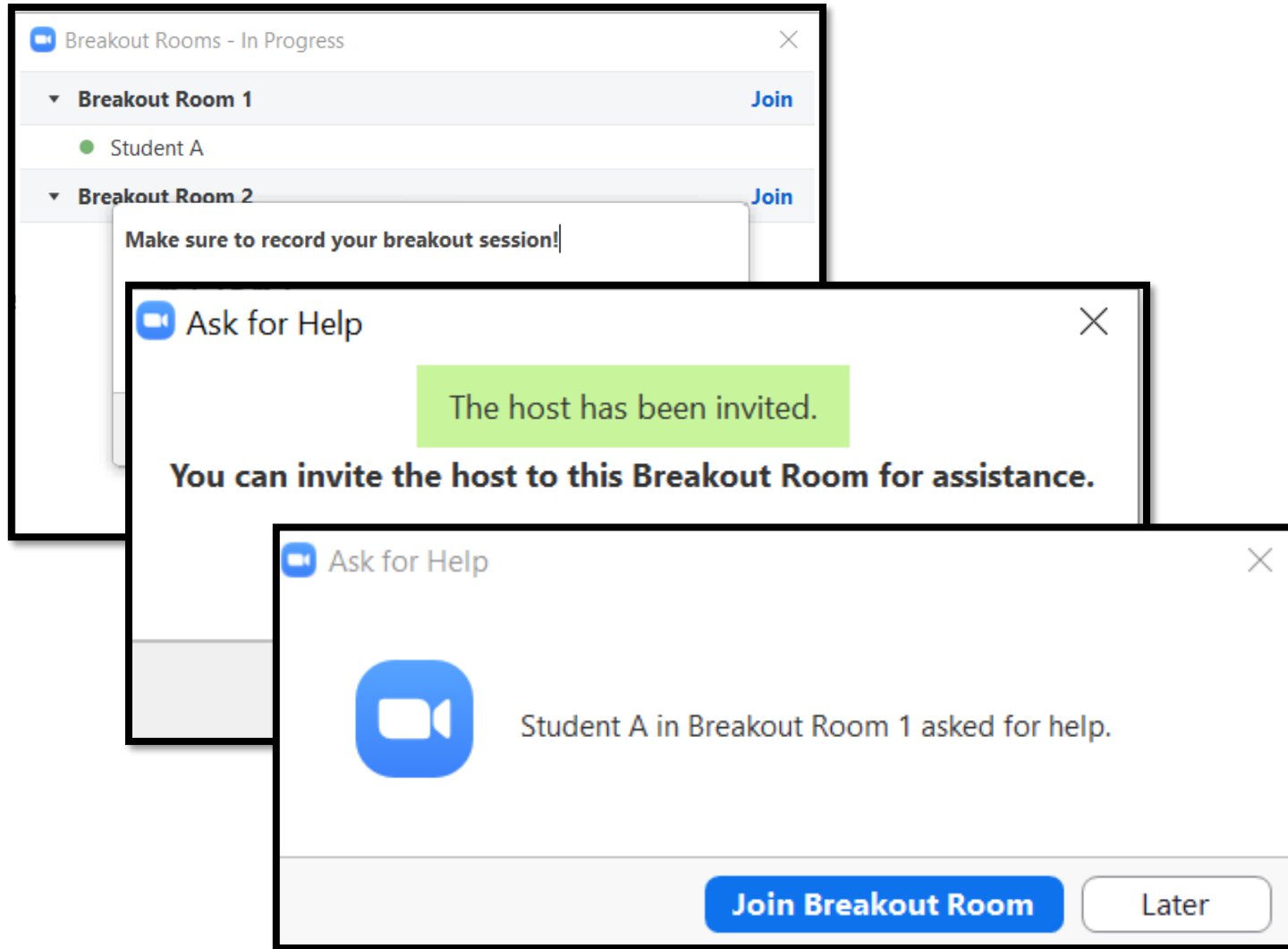
 

SA

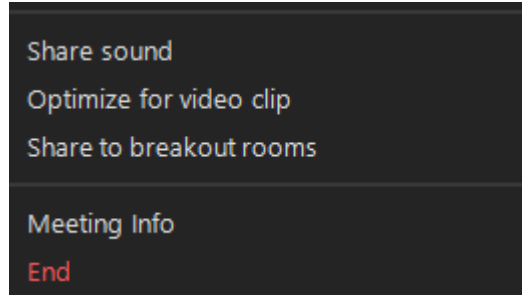
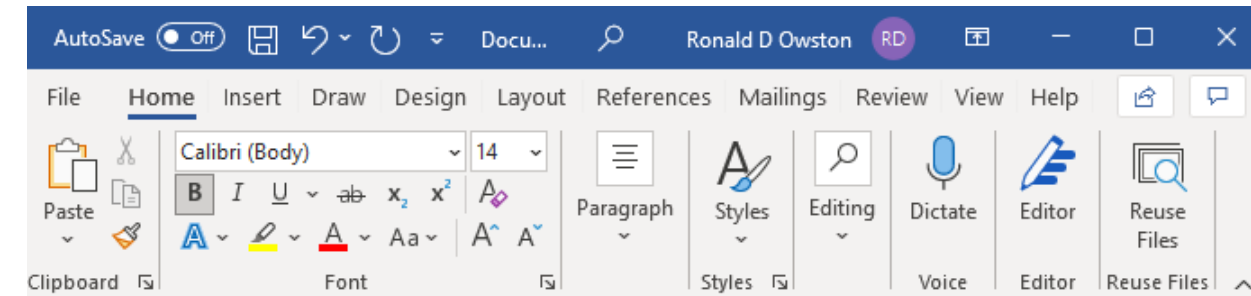
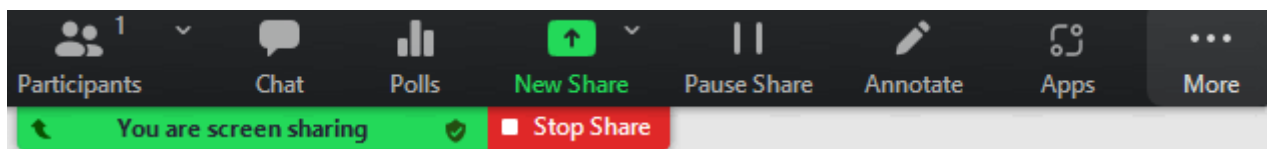
Student A (Guest)



Communicating with rooms



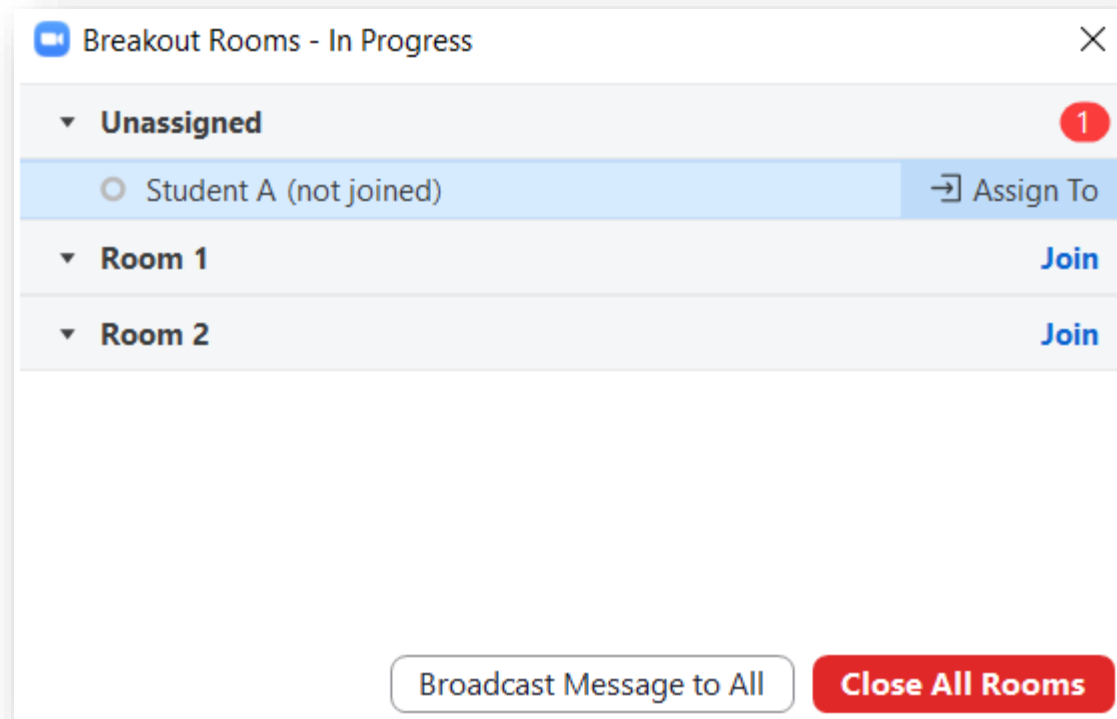
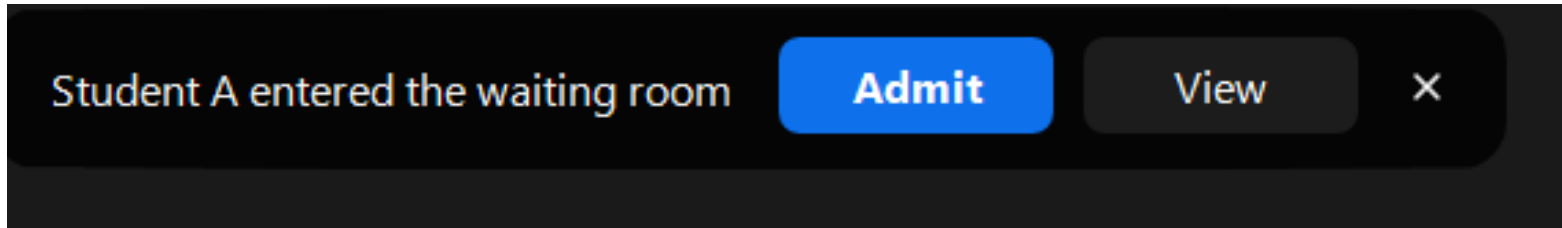
Screen sharing to all rooms



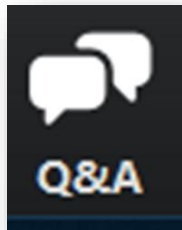
Instructions for breakout room activity

1. Discuss what you've learned
2. Share with your group what you find interesting
3. Talk about what you'd like to know more about

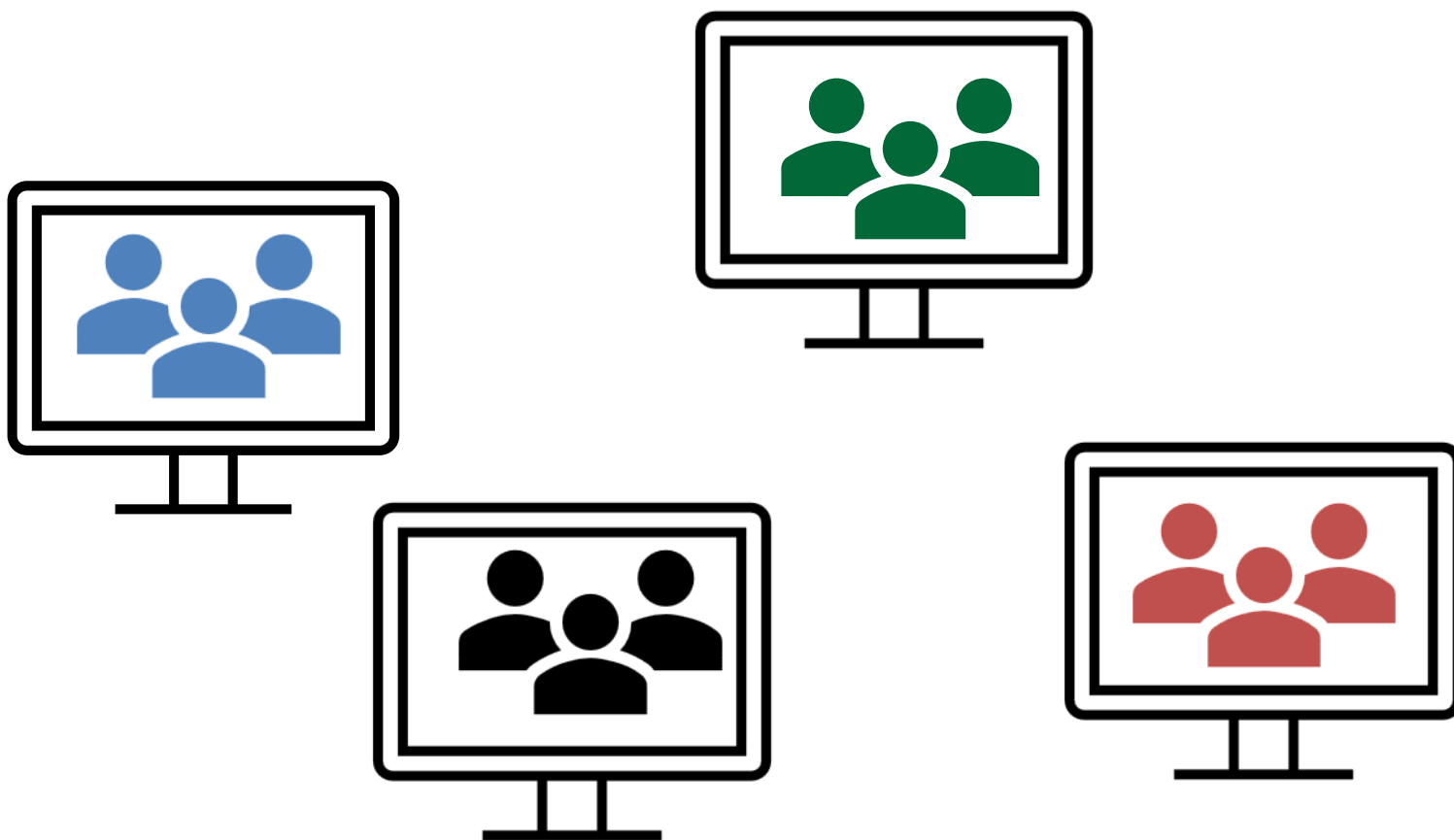
Admit student while you're in a room



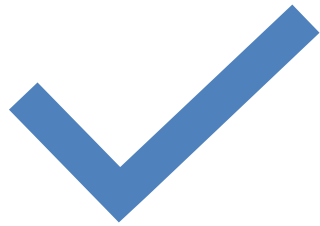
Questions and poll



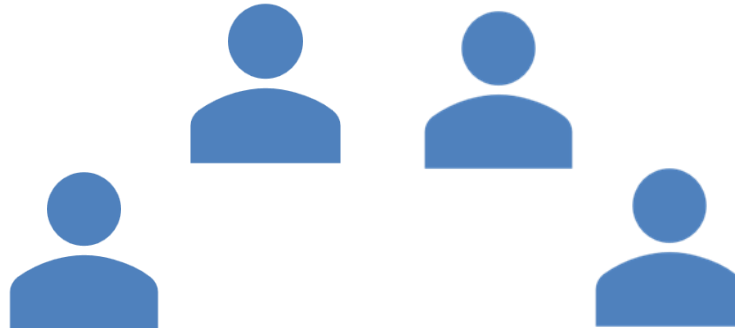
3. Engaging breakout room activities



Discussion groups



**Make sure to structure
task**



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

Question types

Convergent thinking	Divergent thinking	Evaluative thinking
Why?	Imagine...	Defend...
How?	Suppose...	Justify...
In what way?	Predict...	What do you think about...

Other discussion ideas...

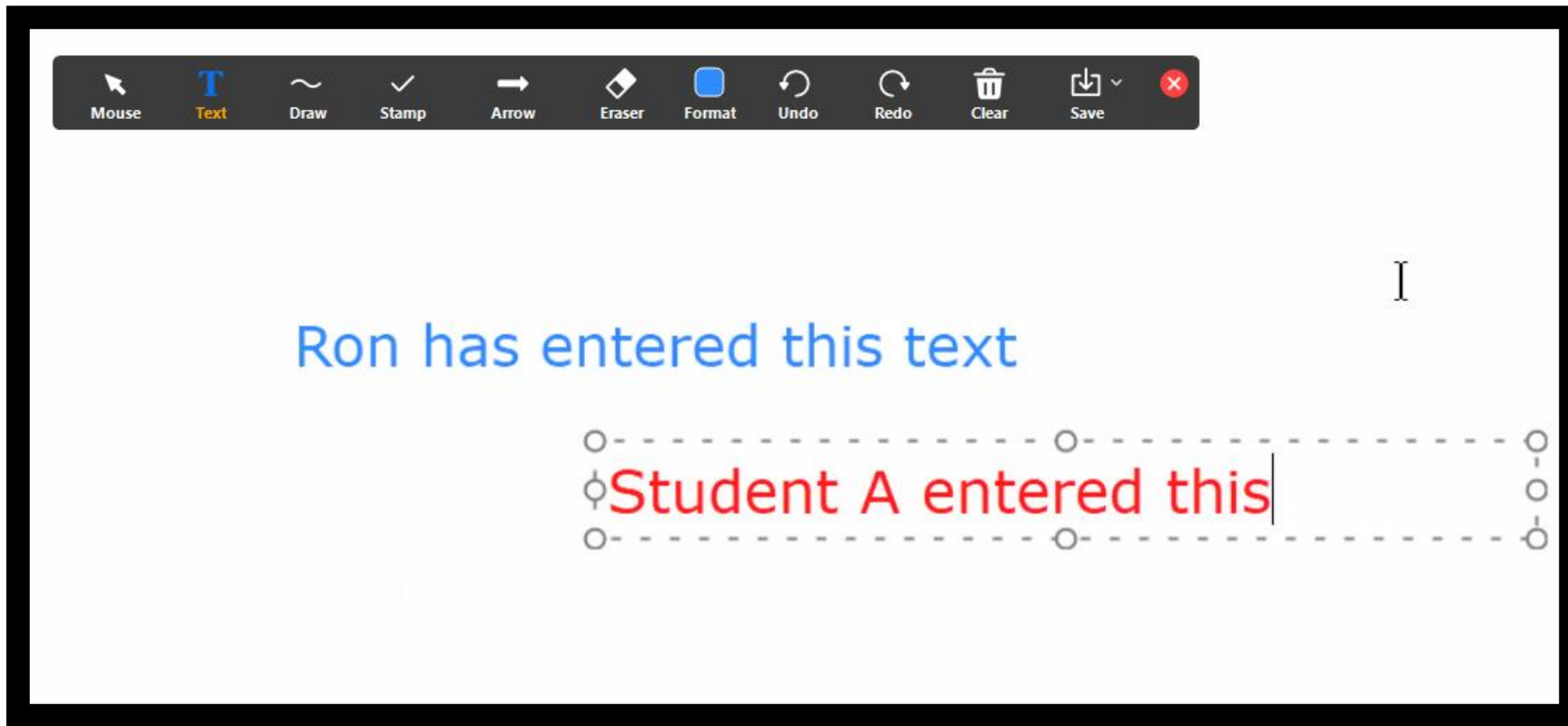
Think – pair – share
or Round Robin
or Jigsaw




3 – 2 – 1

- 3 things learned
- 2 interesting points
- 1 question to discuss in groups

Zoom whiteboard collaboration



Instructor-prepared whiteboard activity


Name: 



Linear Equations Worksheet

Solve the equations.

1 a. $2 = v - 11$	1 b. $11 =$
2 a. $11 = s + 4$	2 b. $n + 6$

Chat

To: Everyone 

 File 

Click on icon to send file

Collaboration with multi-user external tools



Everyone reduces Zoom screen

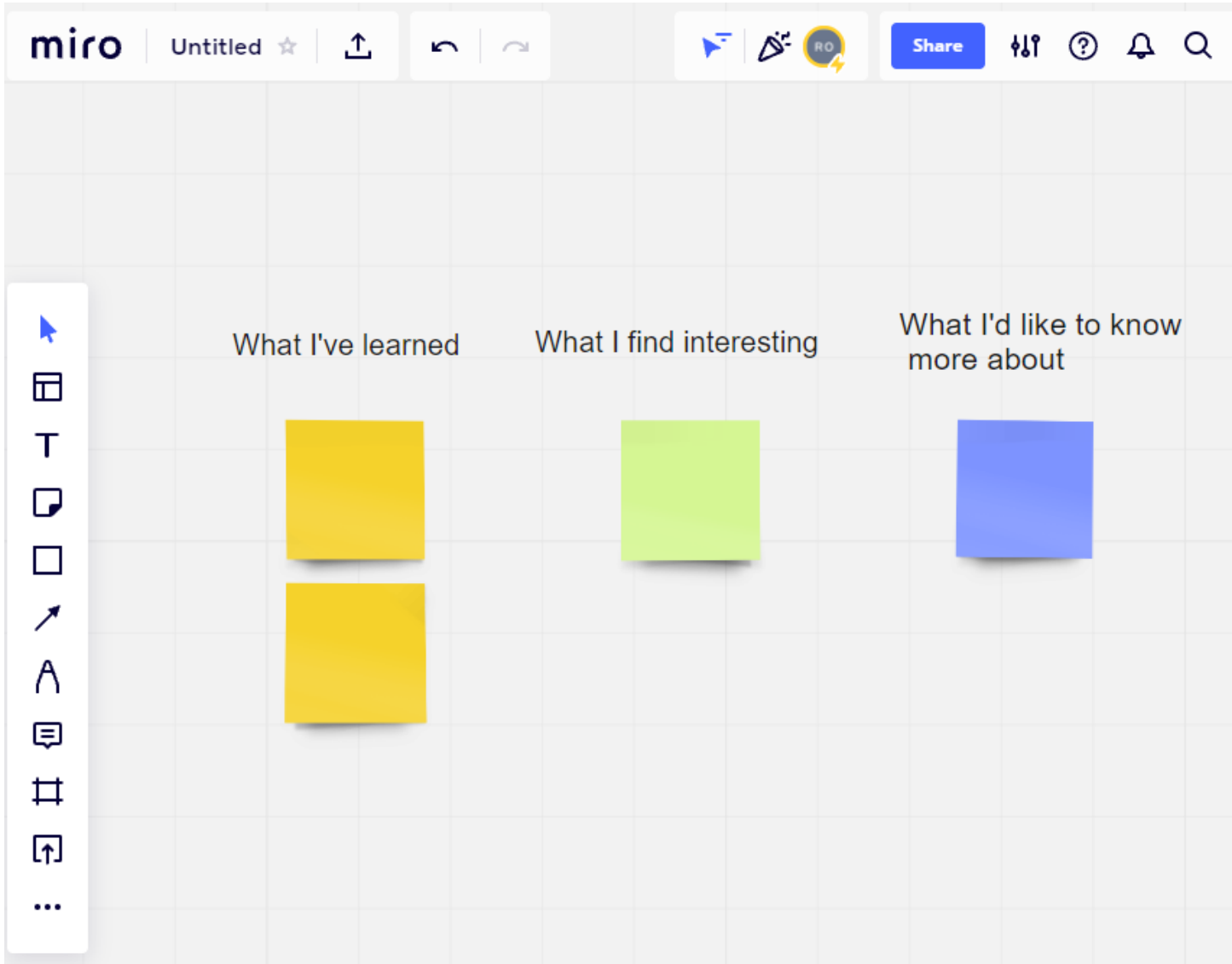


Everyone logs into document and can edit

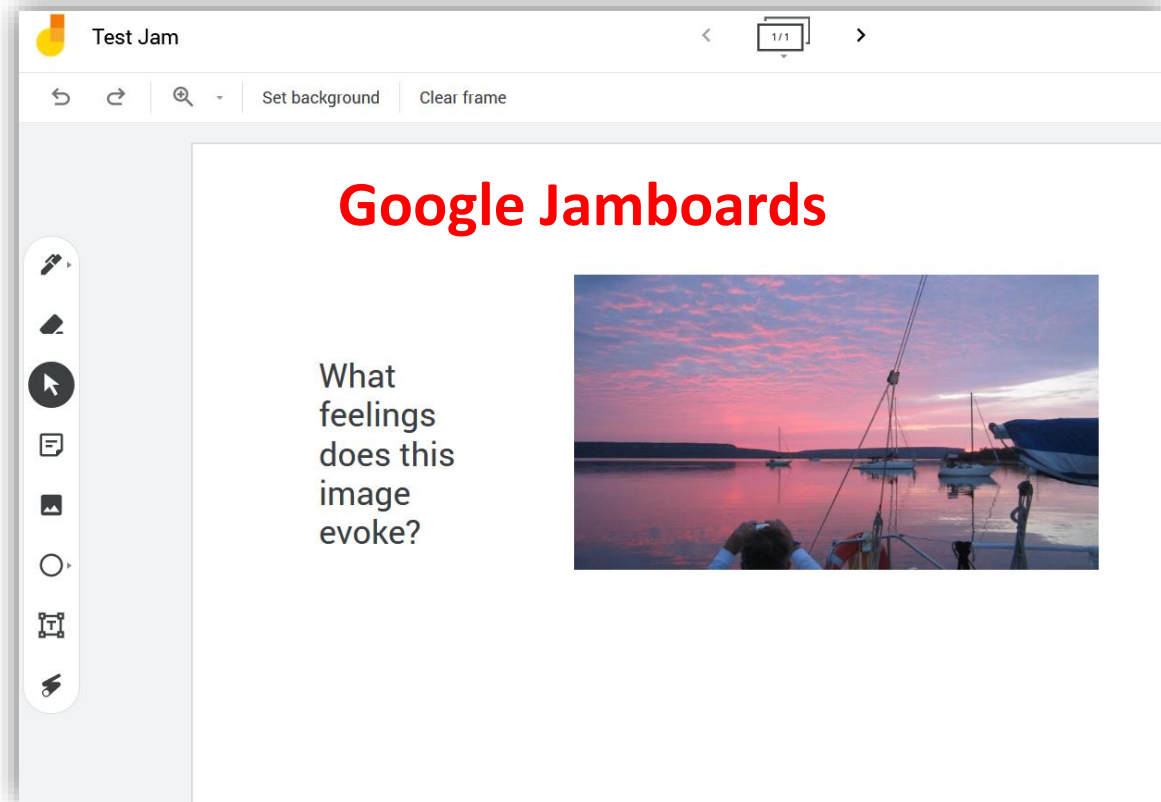


Zoom used for discussion

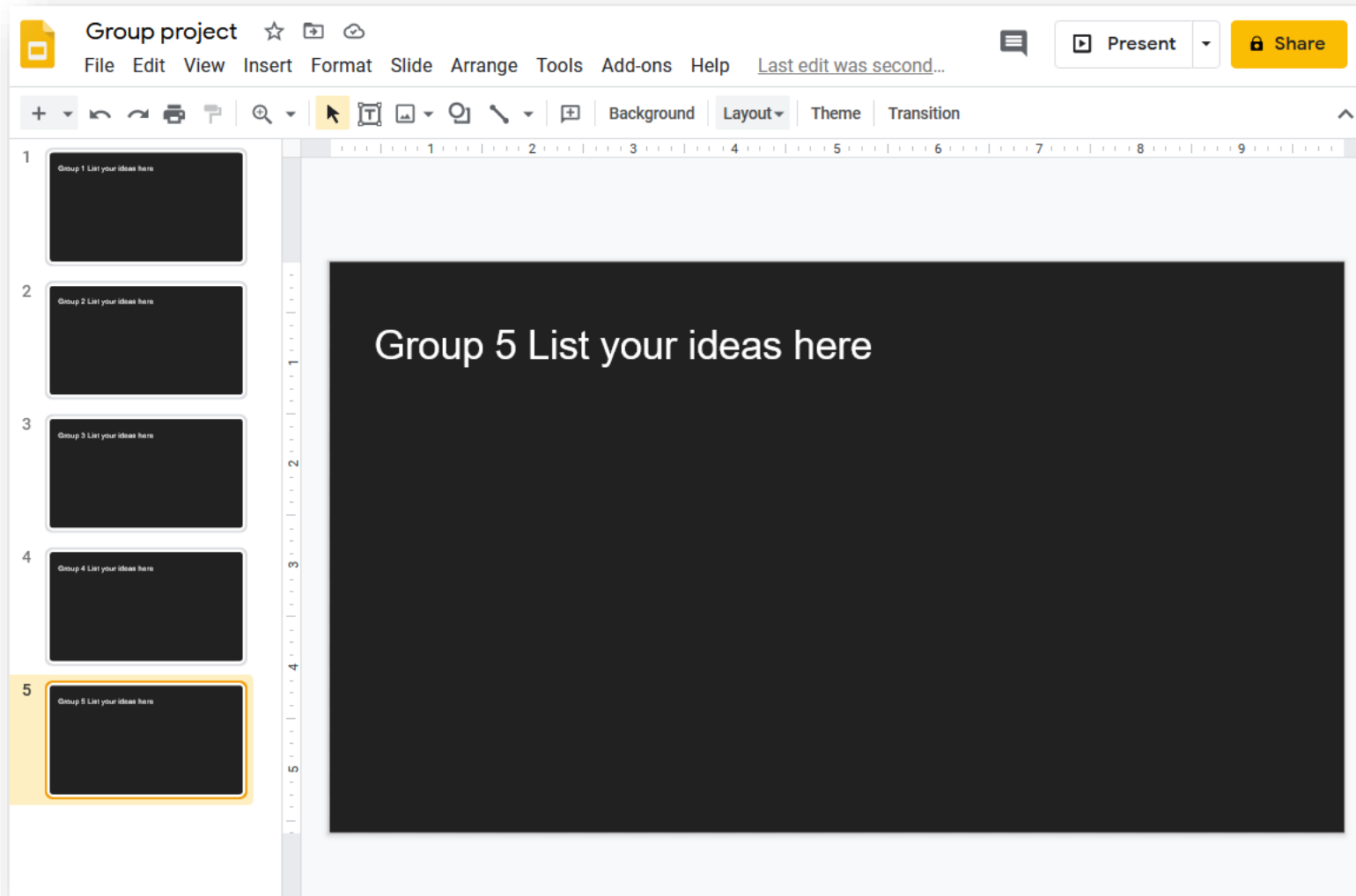
Miro whiteboard activity with Zoom app



External whiteboards



Google Slides – each group adds information to a slide of instructor-prepared deck



Wiki activities

The screenshot displays a PBworks user interface. At the top, the user is logged in as 'rowston@edu.yorku.ca' with a 'Log out' link. The main navigation bar includes 'Home', 'Profile', and 'Email' buttons. Below this, the 'My Workspaces' section provides a brief explanation of workspace management. A table lists available workspaces, with 'Rowston' selected. The right sidebar contains links for 'My discussion', 'Sandbox', 'Preferences', 'Beta', 'Watchlist', 'Contributions', and 'Log out'. The central content area features a Wikibooks page titled 'Issues in Digital Technology in Education/Accessibility and Usability'. The page includes a navigation bar with 'Book', 'Discussion', 'Read', 'Edit', 'View history', and a search bar. The main text begins with the heading 'What is Web Accessibility?' and discusses the importance of web accessibility for all users, citing the WAI and Wall & Sarver.

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

Home Profile Email

My Workspaces

A list of all the workspaces that you have created or can access. You can't leave workspaces that you have created, but you can delete workspaces you no longer need from the workspace's Settings page.

Workspace	Last Changed	Enable
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

Pre WIKIBOOKS Open books for an open world

Notify At m

This set workspace

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

Google Docs – collaborative writing

One-to One Laptop/iPad Programs

File Edit View Insert Format Tools Add-ons Help Last edit was made yesterday at 10:45 PM by anonymous

100% Heading 1 Arial 20 B I U A

One-to One Laptop/Tablet/BYOD Programs Annotated Bibliography



Question: What can school boards expect when they initiate one-to-one laptop/Tablet/BYOD programs? Research an aspect of one of these types of programs such as learning outcomes, teacher preparation, cost, equity, and logistics (eg home use, classroom charging, storage). Post two research citations (reports or articles) that discuss an aspect of this type of program. For each entry, write a sentence or two that summarizes a key point(s) of the research item. Also, please enter your name after the summary in parentheses so I know who wrote the entry.

Collaboration with single-user external tools/documents



One student opens app and shares screen

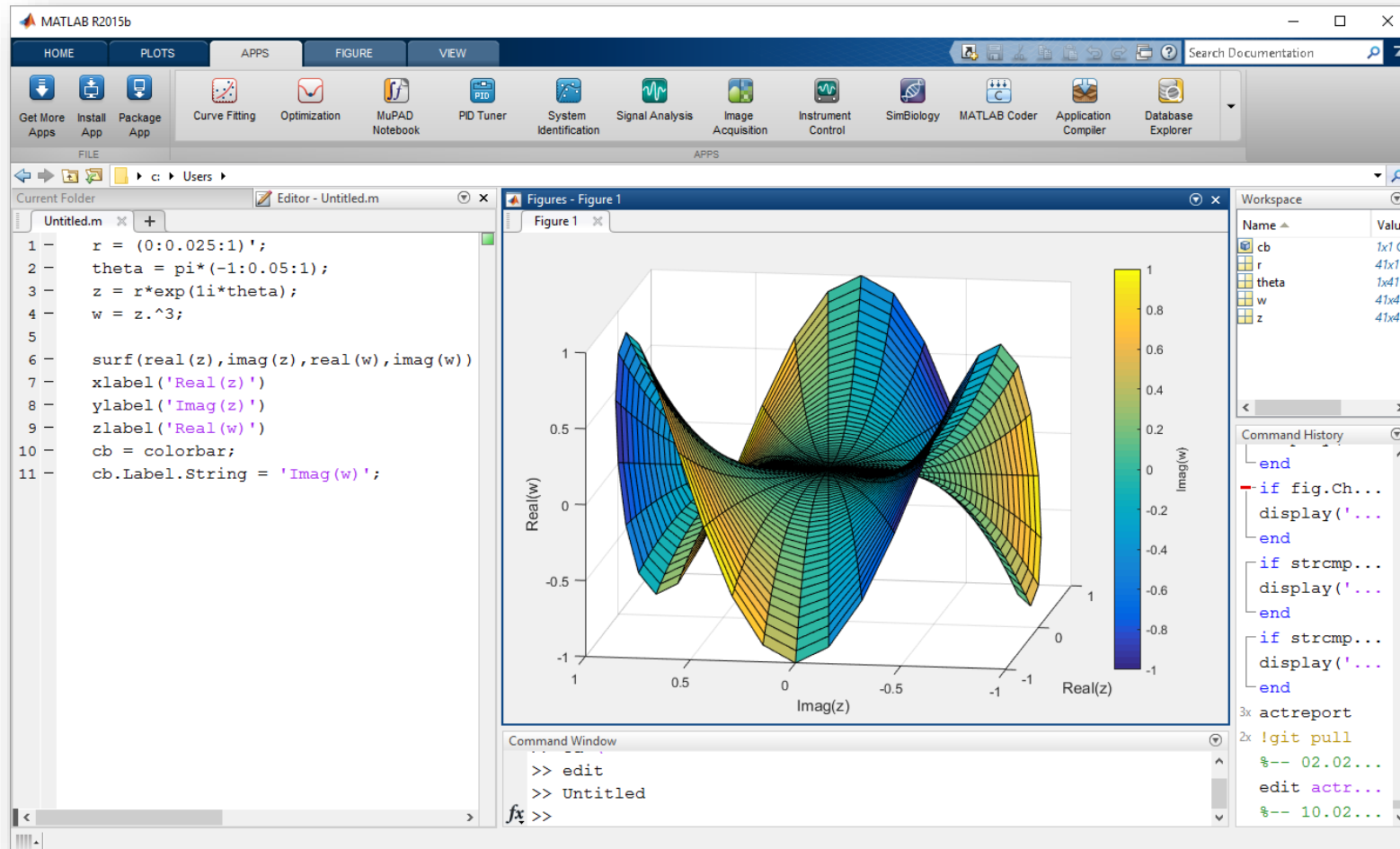


Student edits doc while another leads discussion

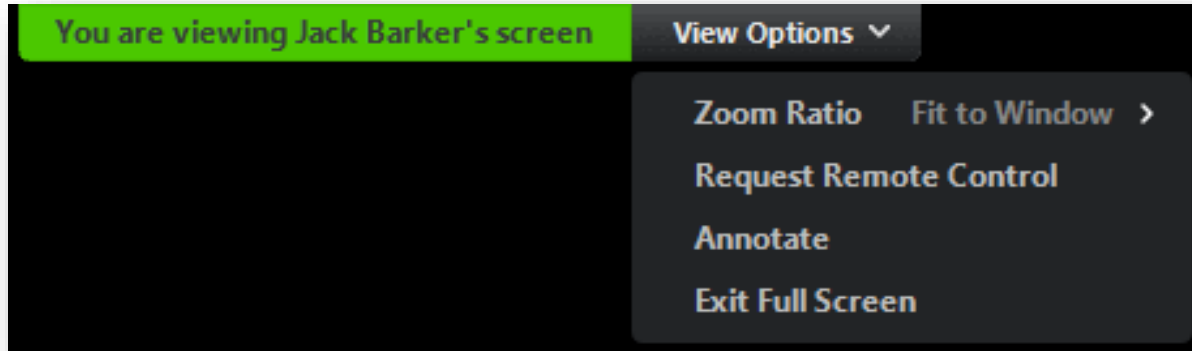


When another student wants to edit, control is requested

Collaboration on specialized tools

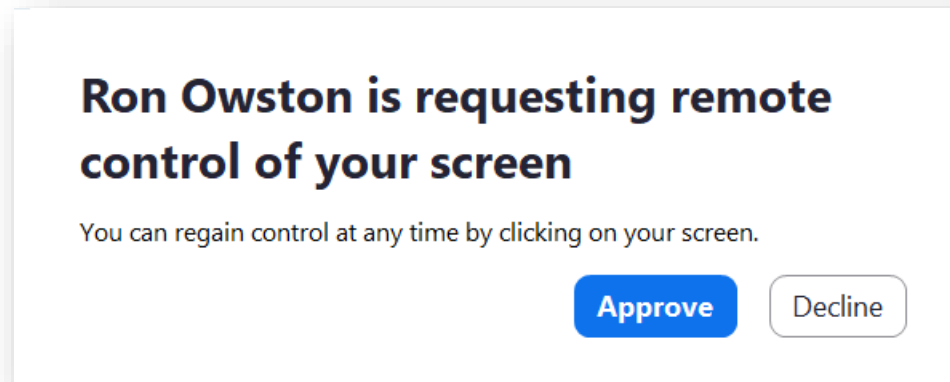


Request to control a shared screen

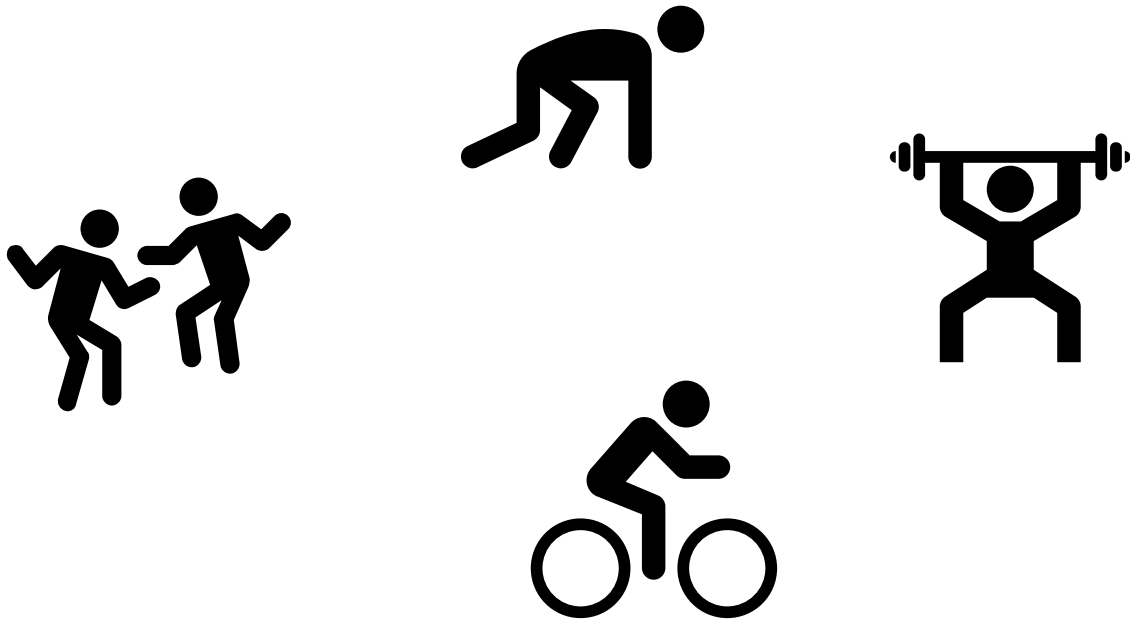


Ron sees this

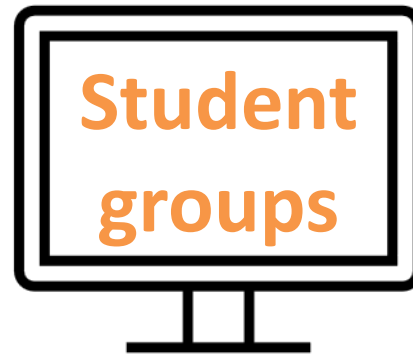
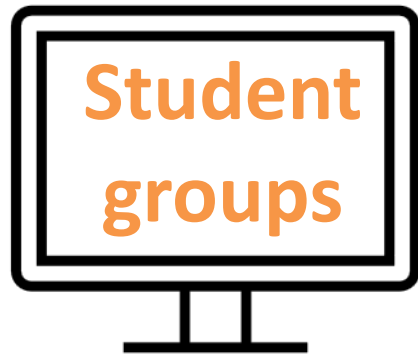
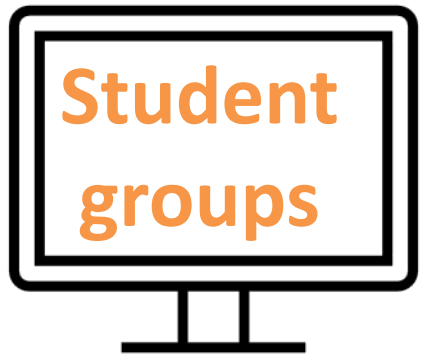
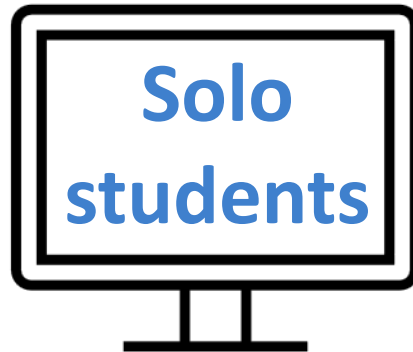
Jack sees this



Other breakout room activity ideas...

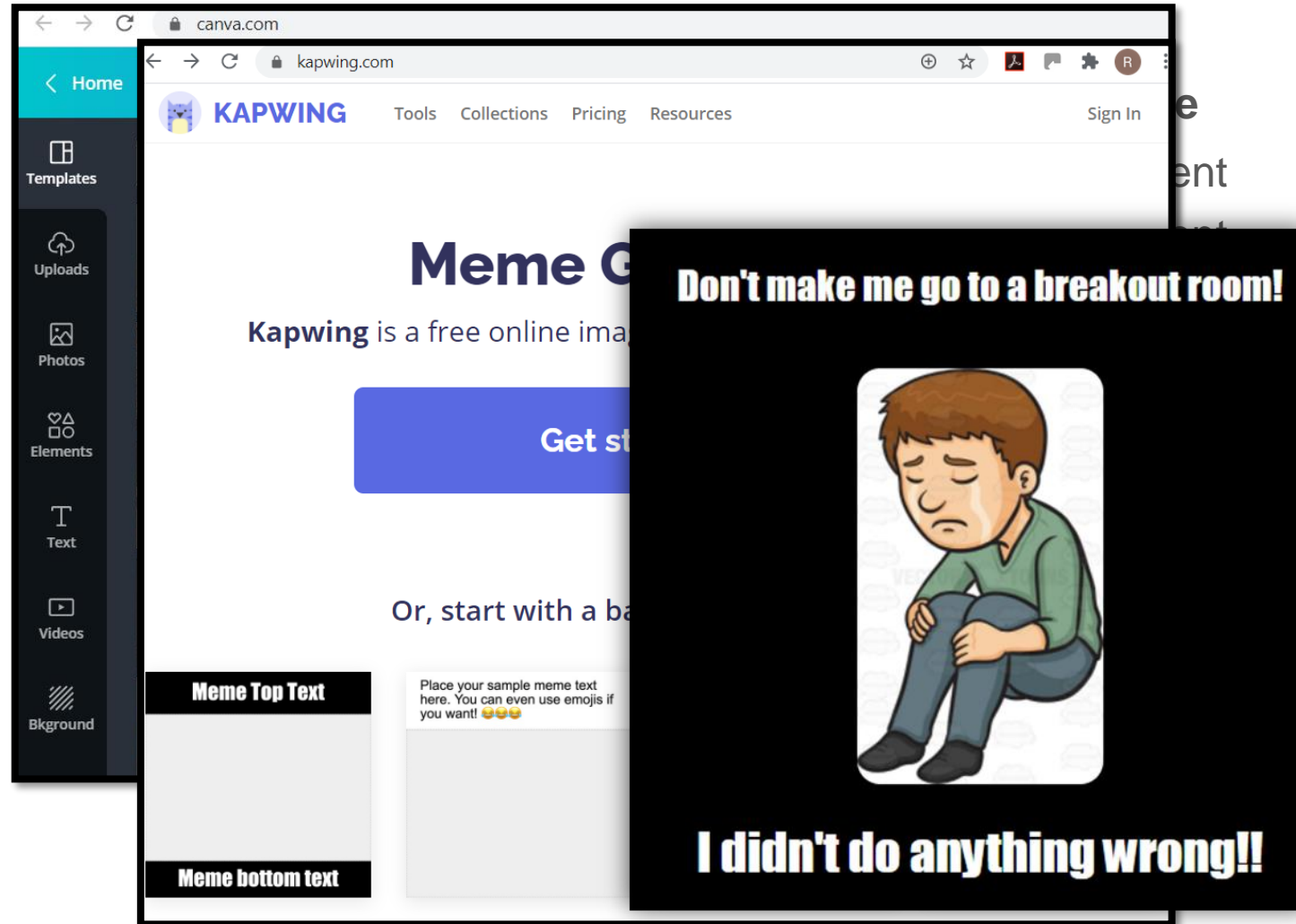


Differentiated task rooms



Create memes

Canva.com



Escape rooms examples – first to solve and return to class and wins!

Name: _____

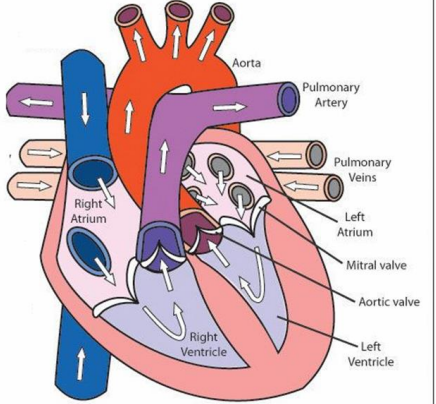
Linear Equations Worksheet

Solve the equations.

1 a. $2 = v - 11$

2 a. $11 = s + 4$

The Heart



DrTummy.com

4. Reporting back to full class

Oral presentations

Random oral presentation by a several
+ written report for all

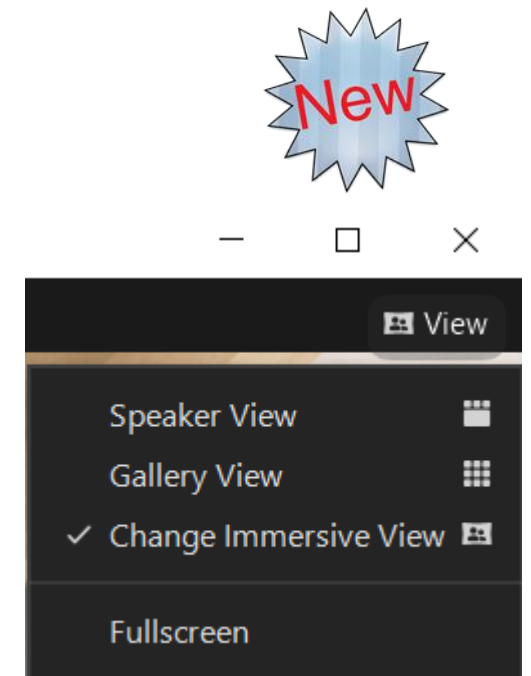
Instructor prepared template

Teach mini-lesson

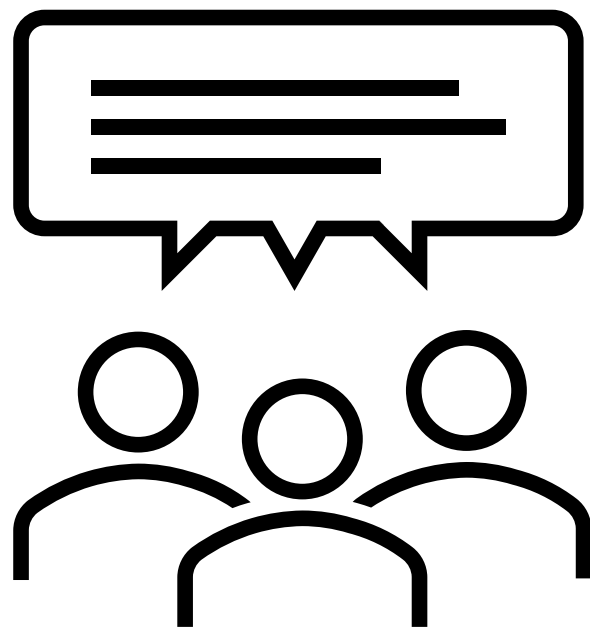
Video played and/or posted



Reporting back with immersive view



What are your ideas?



Summary of breakout room activities



DISCUSSIONS –
STRUCTURES, THINK-
PAIR-SHARE, 3-1-1



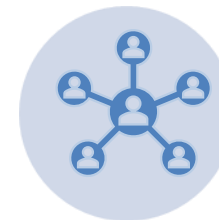
WHITEBOARD – ZOOM
AND EXTERNAL CLOUD



SPECIALIZED TOOLS



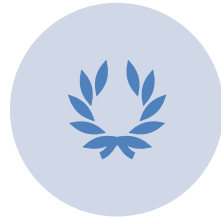
WIKIS



DIFFERENTIATED
ROOMS



GOOGLE – DOCS,
SLIDES, JAMBOARDS

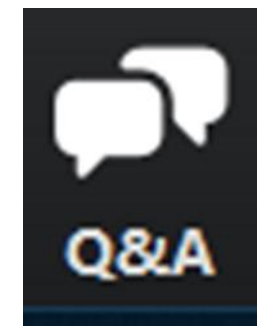


MEMES



ESCAPE ROOMS

Challenge – in your next class try a new breakout room idea!



Nov. 18 How to Effectively Use Zoom to Provide an
Interactive and Engaged Learning Experience to
Students

Dec 8 Top Ten Enhancements to Zoom in 2021
Every Educator Should Know About

Thank you!

<http://ronowston.ca>