

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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Research Associate, Contact North

Professor Emeritus, York University, Toronto, Canada

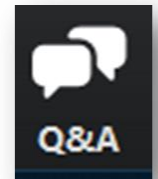
Agenda



1. Why use
breakout rooms?



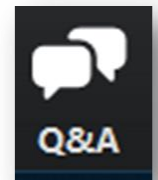
2. How to set up
breakout rooms



3. Breakout room
activities



4. Return to whole
class and sharing



1. Why use breakout rooms?

Don't make me go to a breakout room!



I didn't do anything wrong!!

Breakout rooms...



Support active learning



Maintain engagement



Foster community building

Guiding principles...

Equitable
distribution of
labour

Sustained work
may be better

Get rid of grade
competition
within group?

Assign prework

Define activity
boundaries

2. Setting up breakout rooms



Create Breakout Rooms

Create

☒ Assign
☐ Assign
☐ Let participants choose

0 participants

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: 30 minutes

☒ Notify me when the time is up

☒ Countdown after closing breakout room

Set countdown timer: 60 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: 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	

Self-selecting breakout room – student view

Choose Breakout Room
Ask for Help

Share Screen

Record

Breakout Rooms

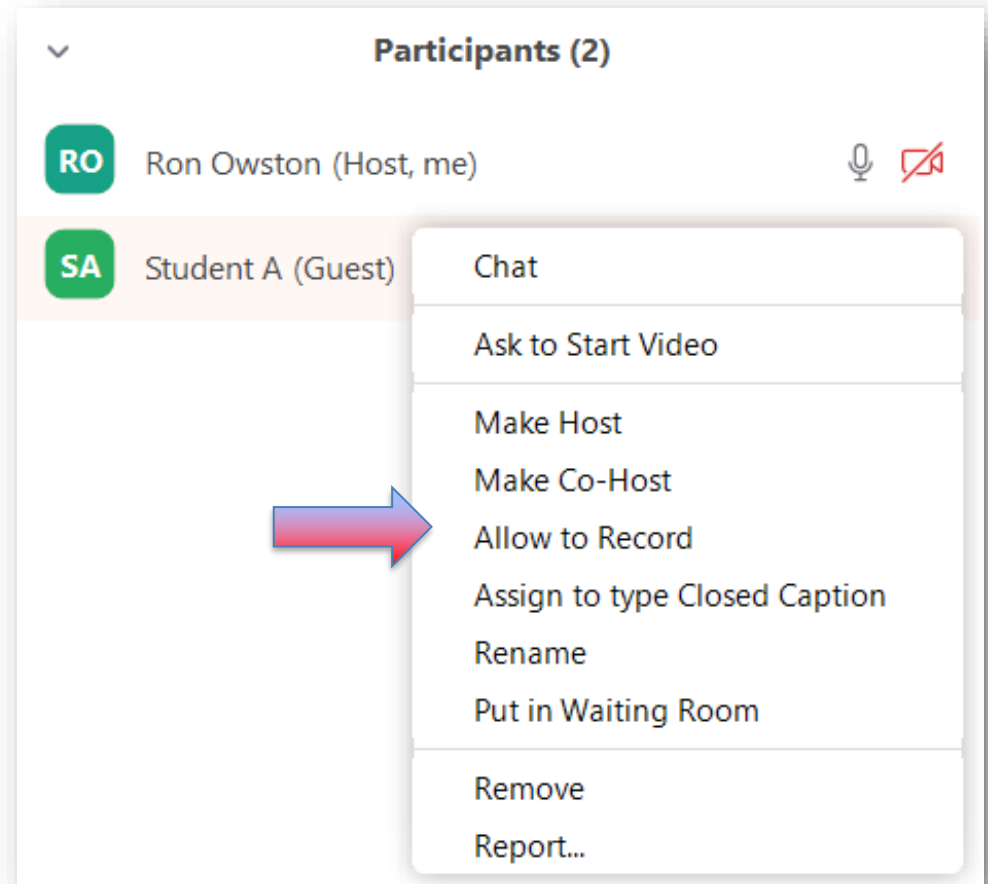
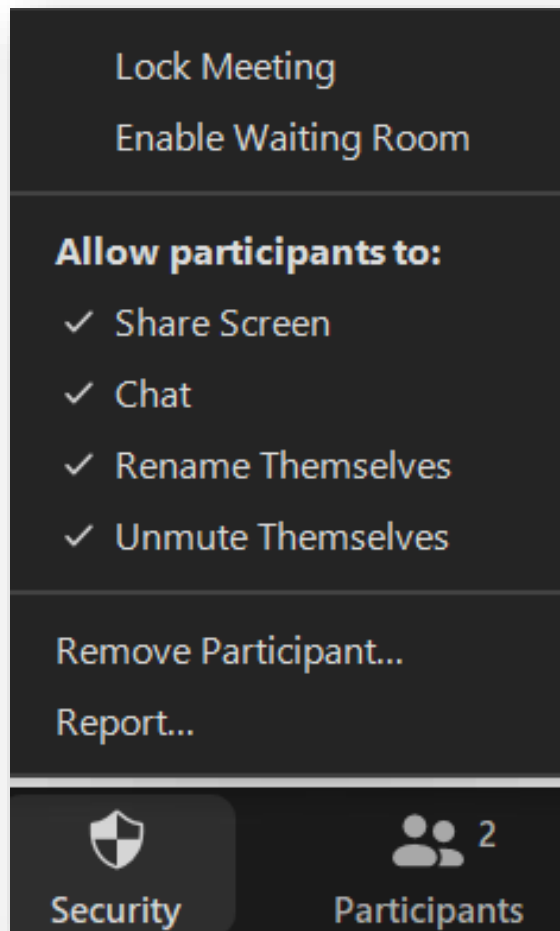
[Leave Room](#)

Breakout Rooms - In Progress

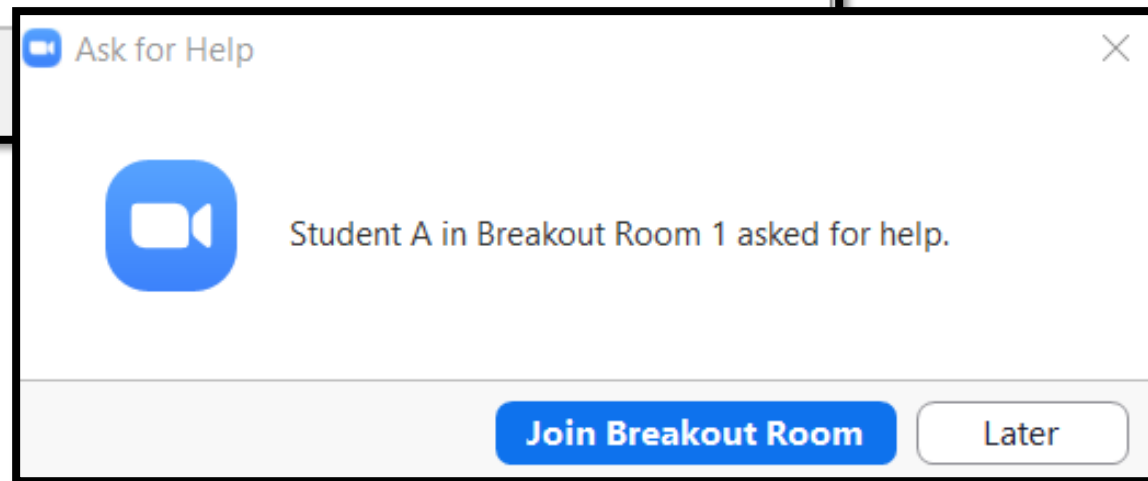
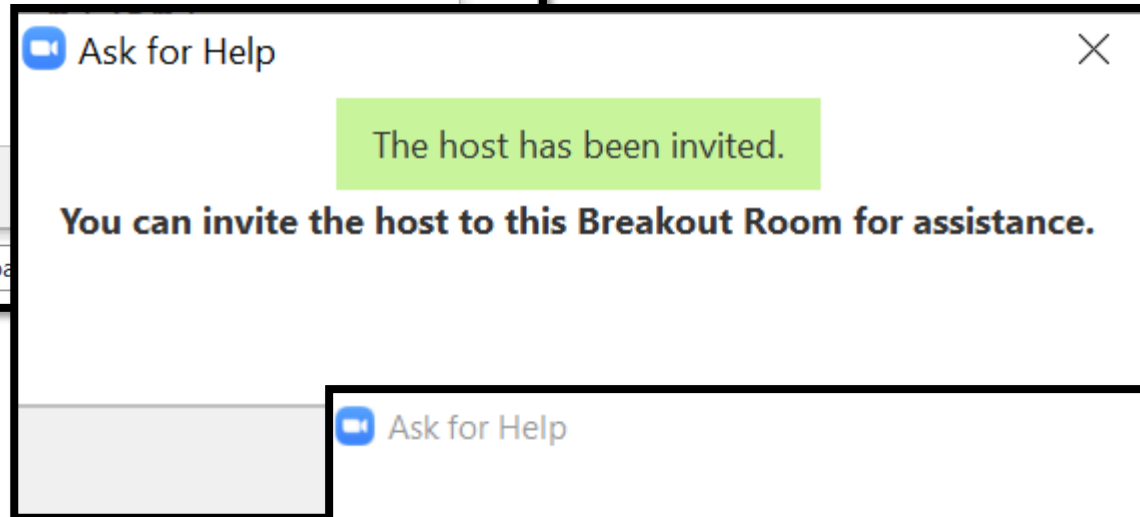
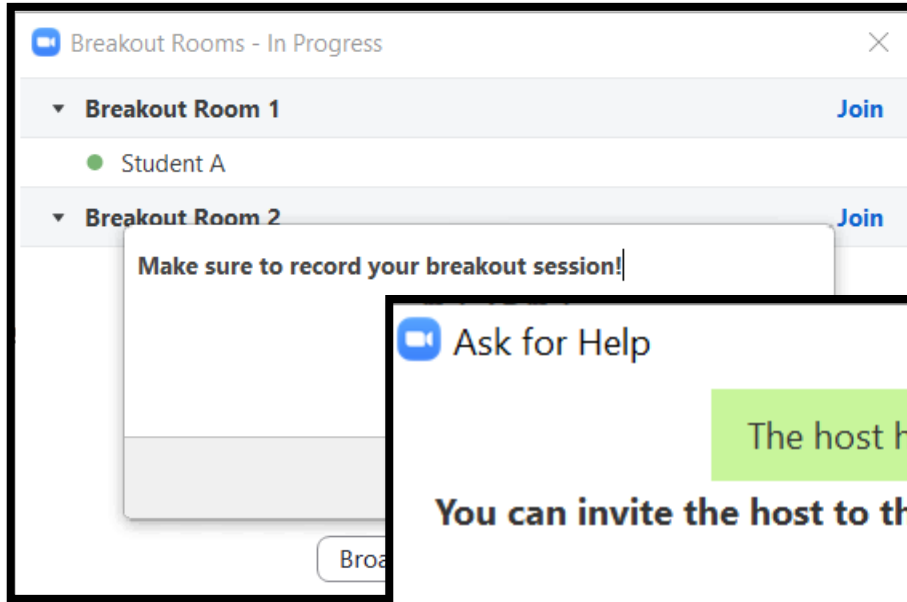
▼ Breakout Room 1	Join
○ Student A (not joined)	
▼ Breakout Room 2	Join

Join Breakout Room 2 ?
[Yes](#) [No](#)

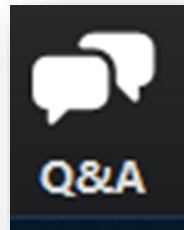
Enable desired tools before moving to rooms



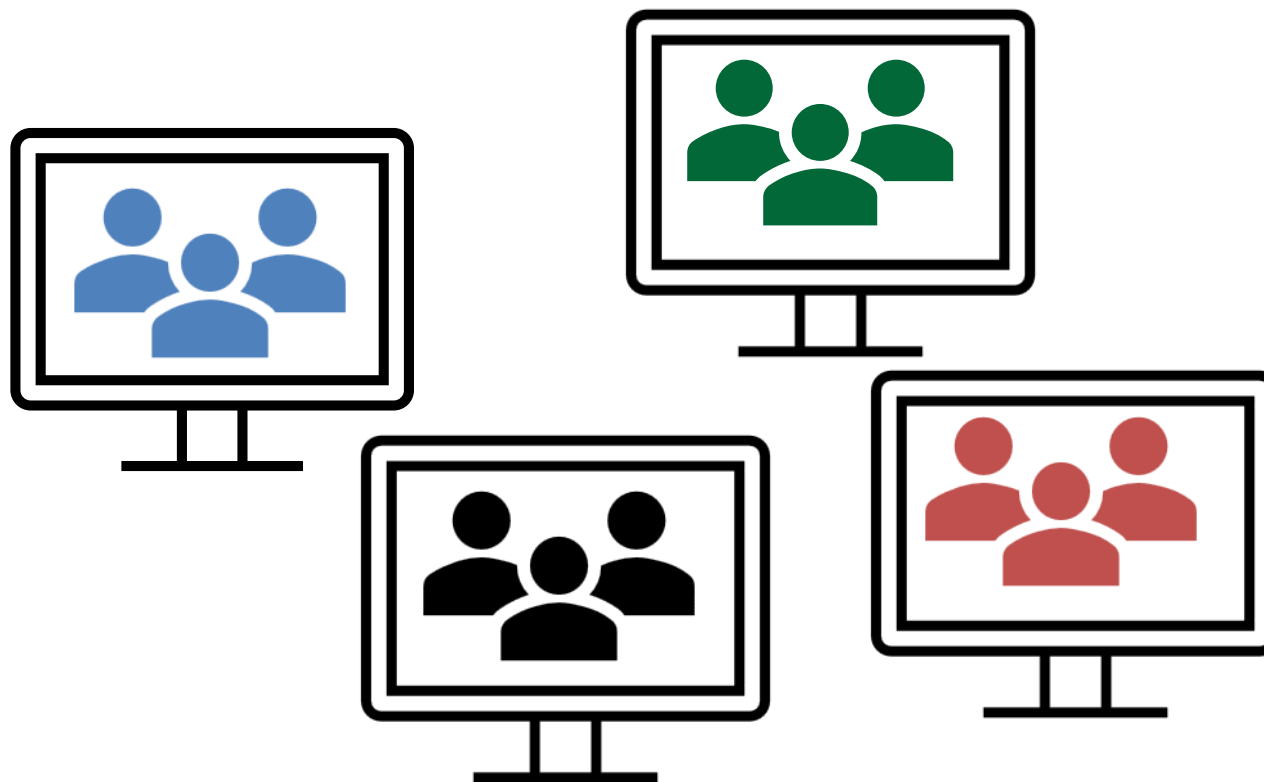
Communicating with rooms



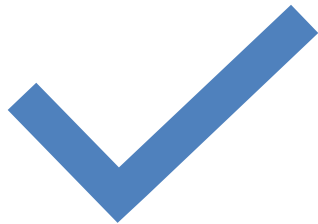
Questions and poll



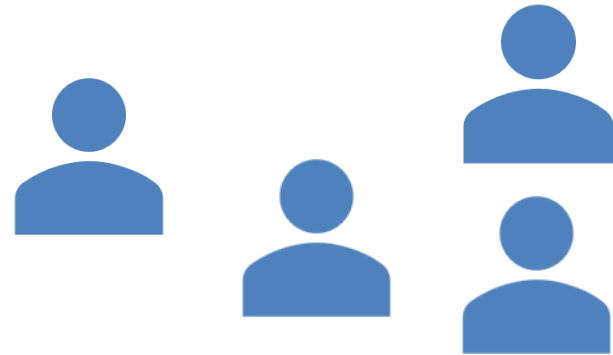
3. Engaging breakout room activities



Discussion groups



Make sure to structure task



Assign student responsibilities eg
facilitator, recorder, researchers,
reporter

Other discussion ideas...

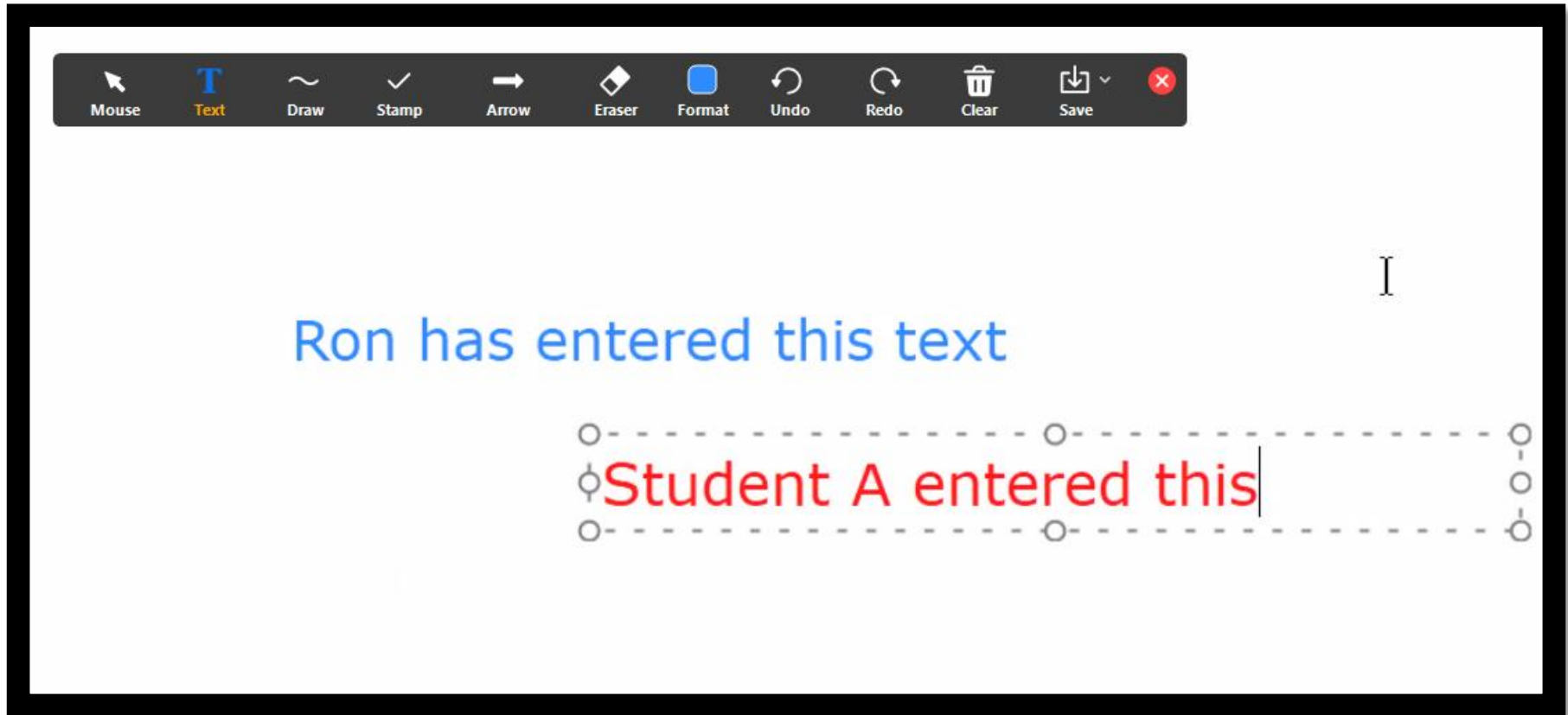
Think – pair – share
or Round Robin
or Jigsaw



3 – 2 – 1

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

Whiteboard collaboration



Instructor-prepared whiteboard activity

Name: _____

Mouse Select Text Draw Stamp Spotlight Eraser Format Undo Redo Clear Save

Linear Equations Word

Solve the equations.

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

Chat

To: Everyone File ...

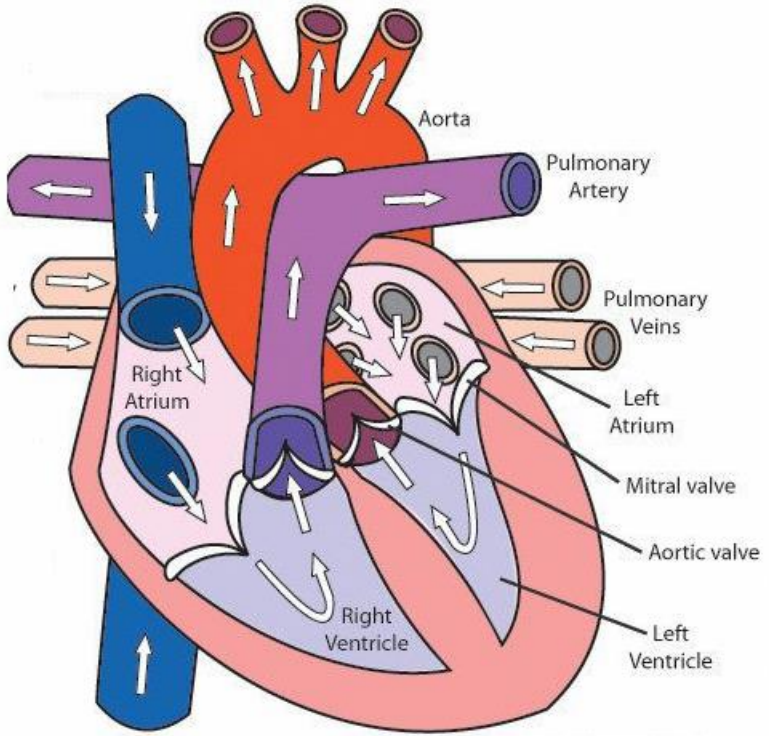
Click on icon to send file

Whiteboard-like collaboration

You are screen sharing Stop Share

Mouse Select Text Draw Stamp Spotlight Eraser Format Undo Redo Clear Save

The Heart



The diagram illustrates the human heart with the following labeled components and blood flow directions:

- Aorta**: The main artery at the top, with three upward-pointing arrows indicating outgoing blood flow.
- Pulmonary Artery**: A purple vessel on the right side with one upward-pointing arrow.
- Pulmonary Veins**: Four orange vessels on the left side with arrows pointing into the left atrium.
- Right Atrium**: The upper right chamber, with a blue vessel entering from the left and an arrow pointing down into the right ventricle.
- Left Atrium**: The upper left chamber, with an arrow pointing down into the left ventricle.
- Mitral valve**: Located between the left atrium and left ventricle.
- Aortic valve**: Located between the left ventricle and the aorta.
- Right Ventricle**: The lower right chamber, with an arrow pointing up into the pulmonary artery.
- Left Ventricle**: The lower left chamber, with an arrow pointing up into the aorta.

DrTummy.com

Collaboration with multi-user external tools



Everyone reduces Zoom screen

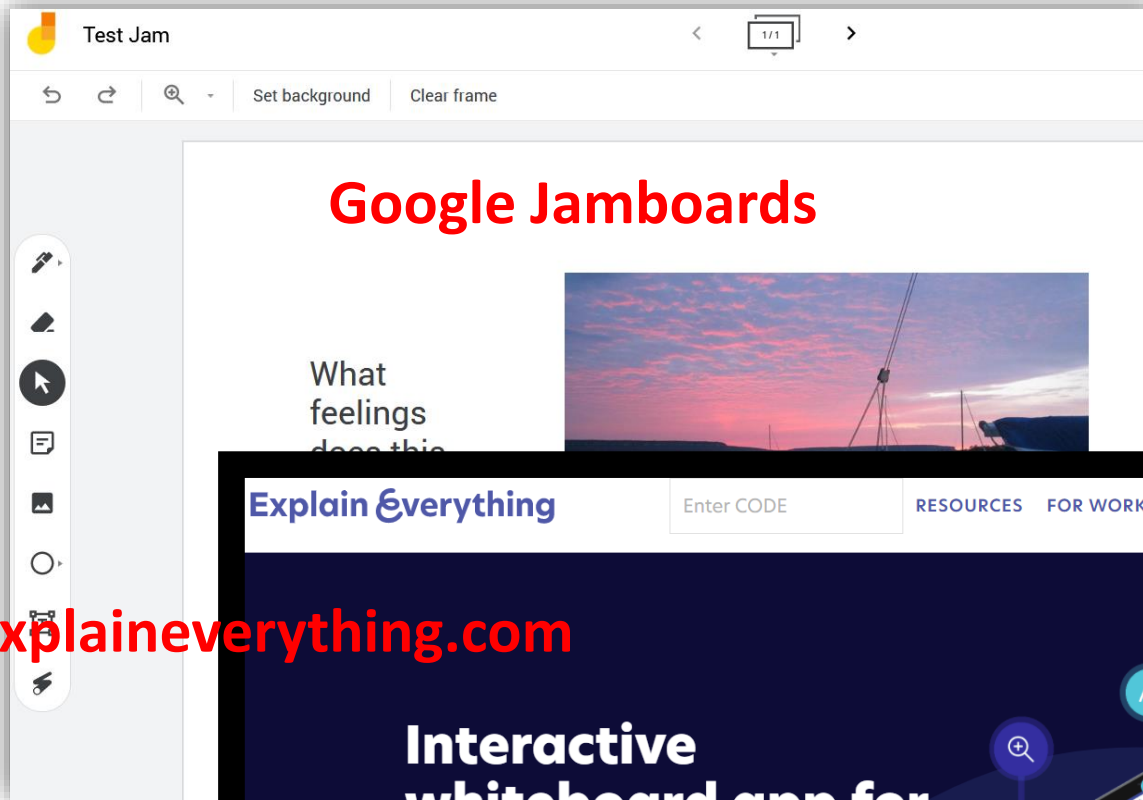


Everyone logs into document and can edit

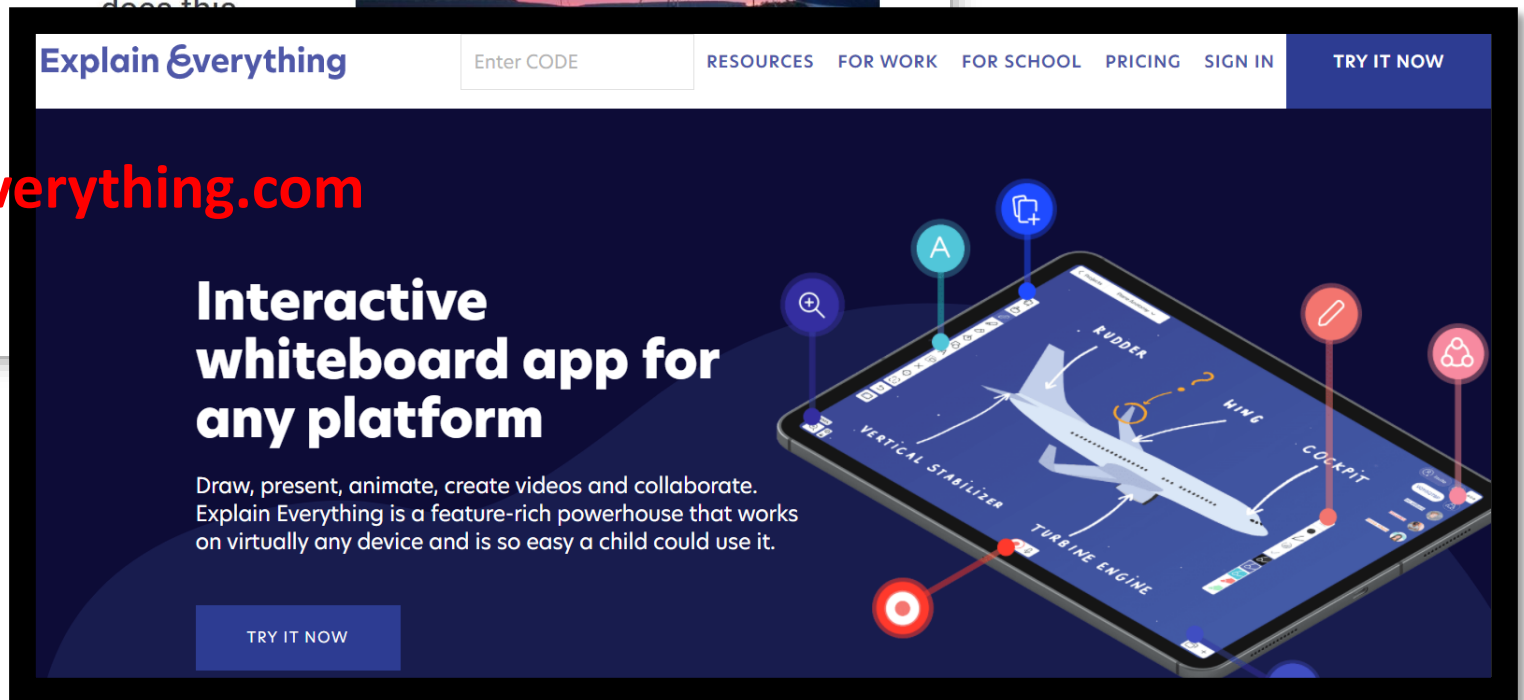


Zoom used for discussion

External whiteboards



Explaineverything.com



Wiki activities

My PBworks

rowston@edu.yorku.ca · Log out

PBWORKS

HomeProfileEmail

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 Notifications
deprembil		

Rowston

5

1

My discussion

Sandbox

Preferences

Beta

Watchlist

Contributions

Log out

WIKIBOOKS

Open books for an open world

Notify me when I have updates

At most every 1 hour

Submit

Main Page

Help

Browse

Cookbook

Wikijunior

Featured books

Recent changes

Donations

Random book

Using Wikibooks

BookDiscussionReadEditView historyMore

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

Google Docs – collaborative writing

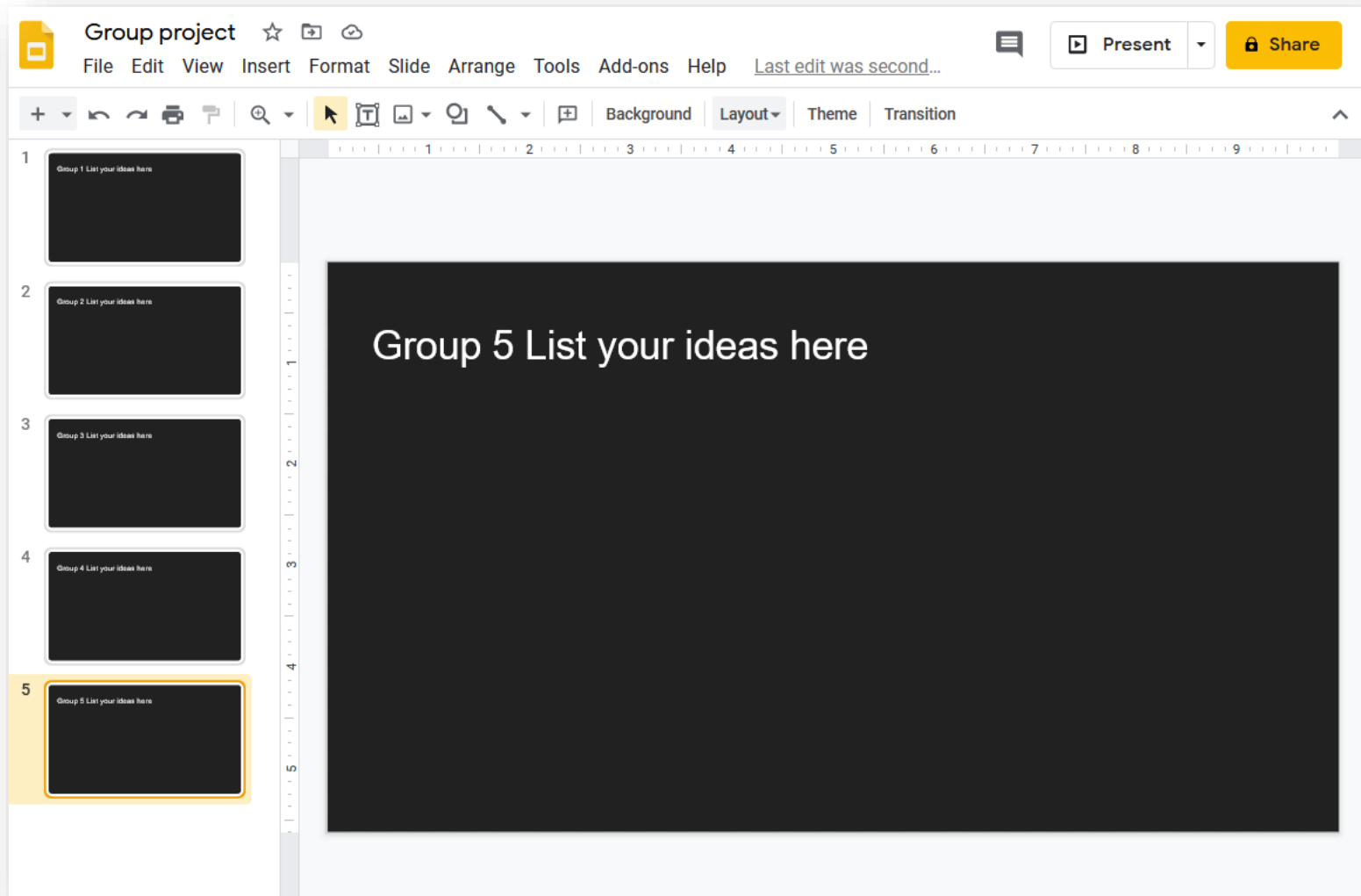
One-to One Laptop/Tablet/BYOD Programs

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.

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



Collaboration with single-user external tools/documents



One student opens app and shares screen

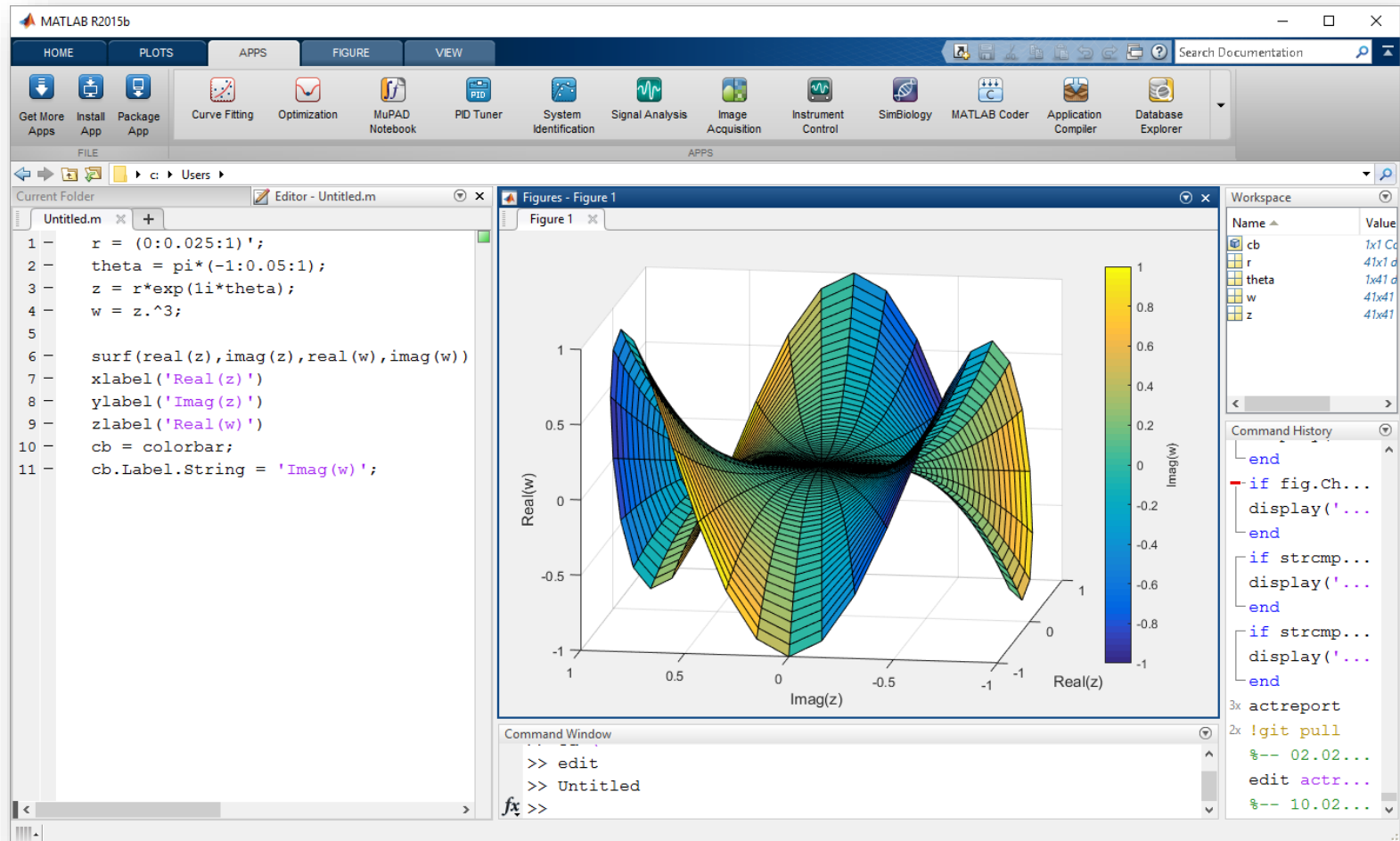


Sharer edits doc and leads discussion

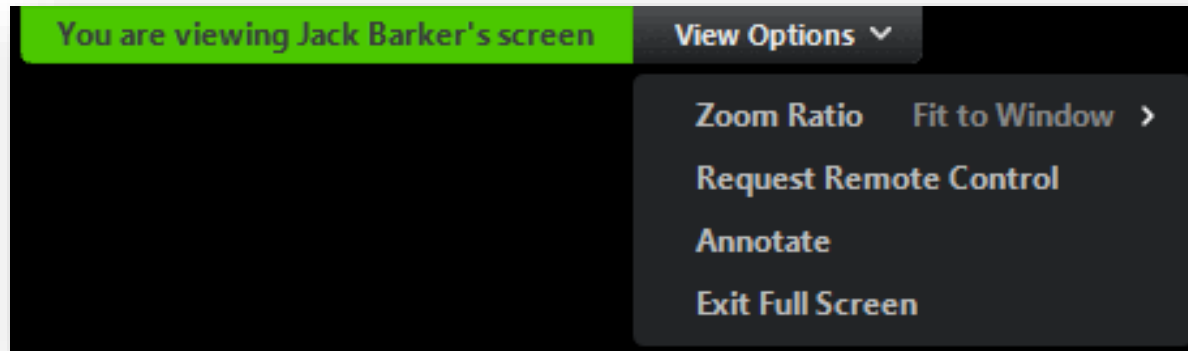


When another student wants to edit, control is requested

Collaboration on specialized tools



Request to control a shared screen



Ron sees this

Jack sees this

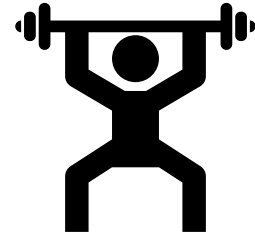
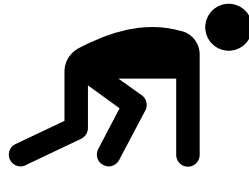
Ron Owston is requesting remote control of your screen

You can regain control at any time by clicking on your screen.

Approve

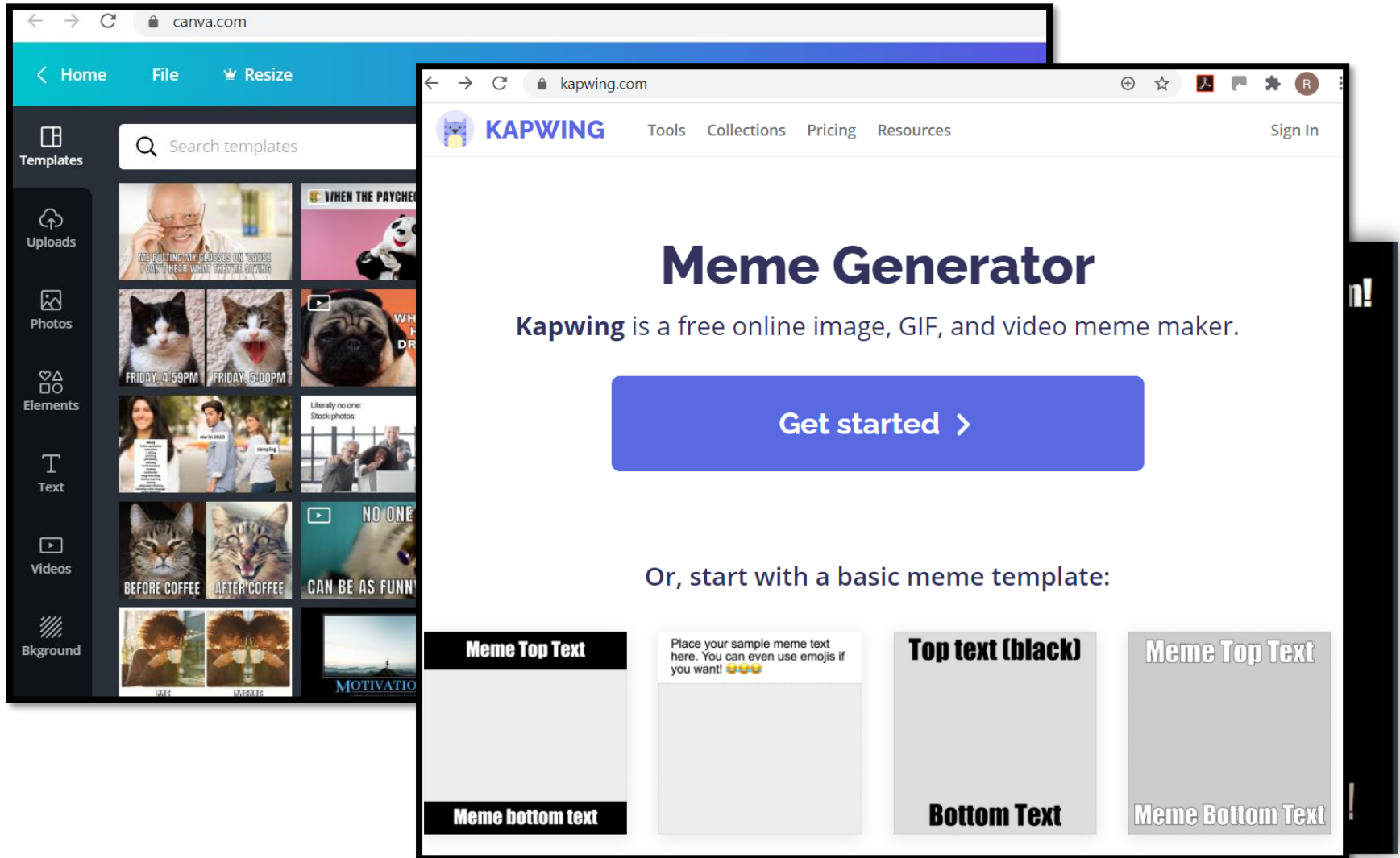
Decline

Other breakout room activity ideas



Create memes

Canva.com



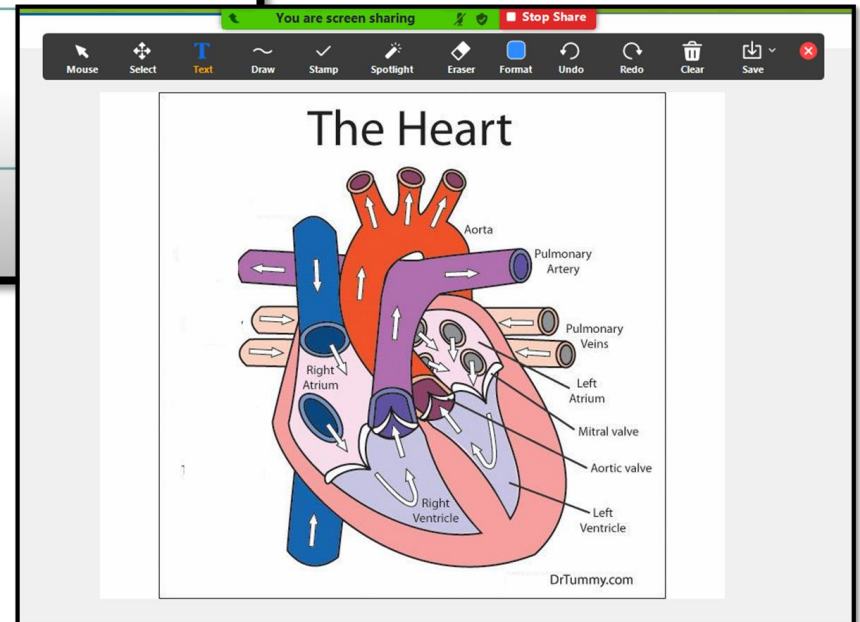
Escape rooms examples – first to solve and return to class and wins!

Name: _____

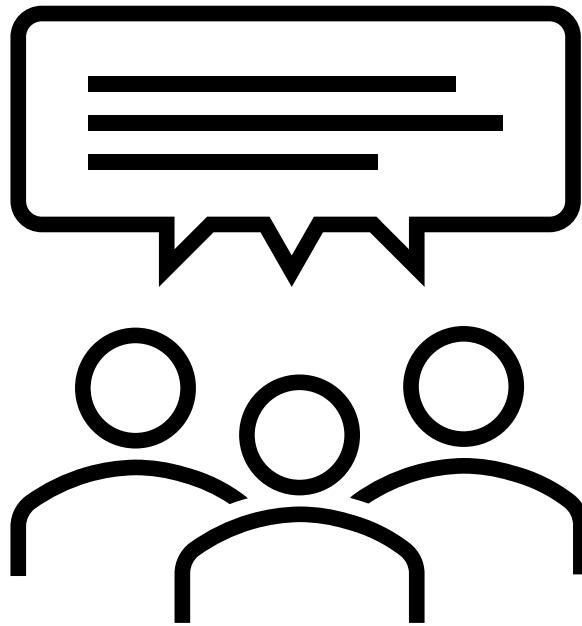
Linear Equations Worksheet

Solve the equations.

1 a. $2 = v - 11$	1 b. $11 = x - 4$
2 a. $11 = s + 4$	2 b. $n + 6 = 8$



What are your ideas?



3. 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



Summary of breakout room activities



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



WHITEBOARD – ZOOM
AND EXTERNAL CLOUD



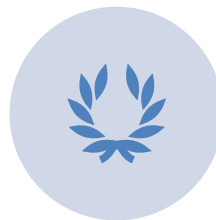
SPECIALIZED TOOLS



WIKIS



GOOGLE – DOCS,
SLIDES, JAMBOARDS

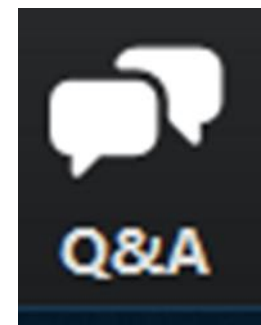


MEMES



ESCAPE ROOMS

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



**Dec 16 Ask Ron anything
about teaching with Zoom**

Thank you!

<http://ronowston.ca>