

How to use Zoom in the new (blended) normal: Models for student inclusion and engagement

Welcome we will begin shortly. Please answer
the brief poll question.

Ron Owston, PhD

Research Associate, Contact North

Professor Emeritus, York University, Toronto, Canada



Energy Policy

Three Phases

- Bloc loyalty
- Free market loyalty
- Territorial security





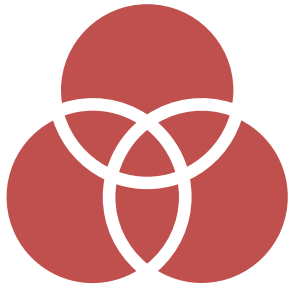




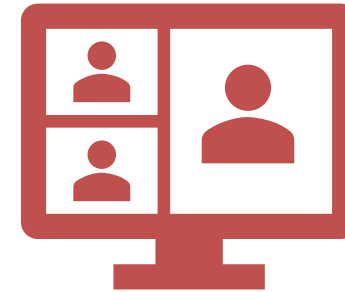




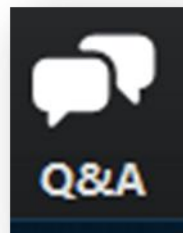
Agenda

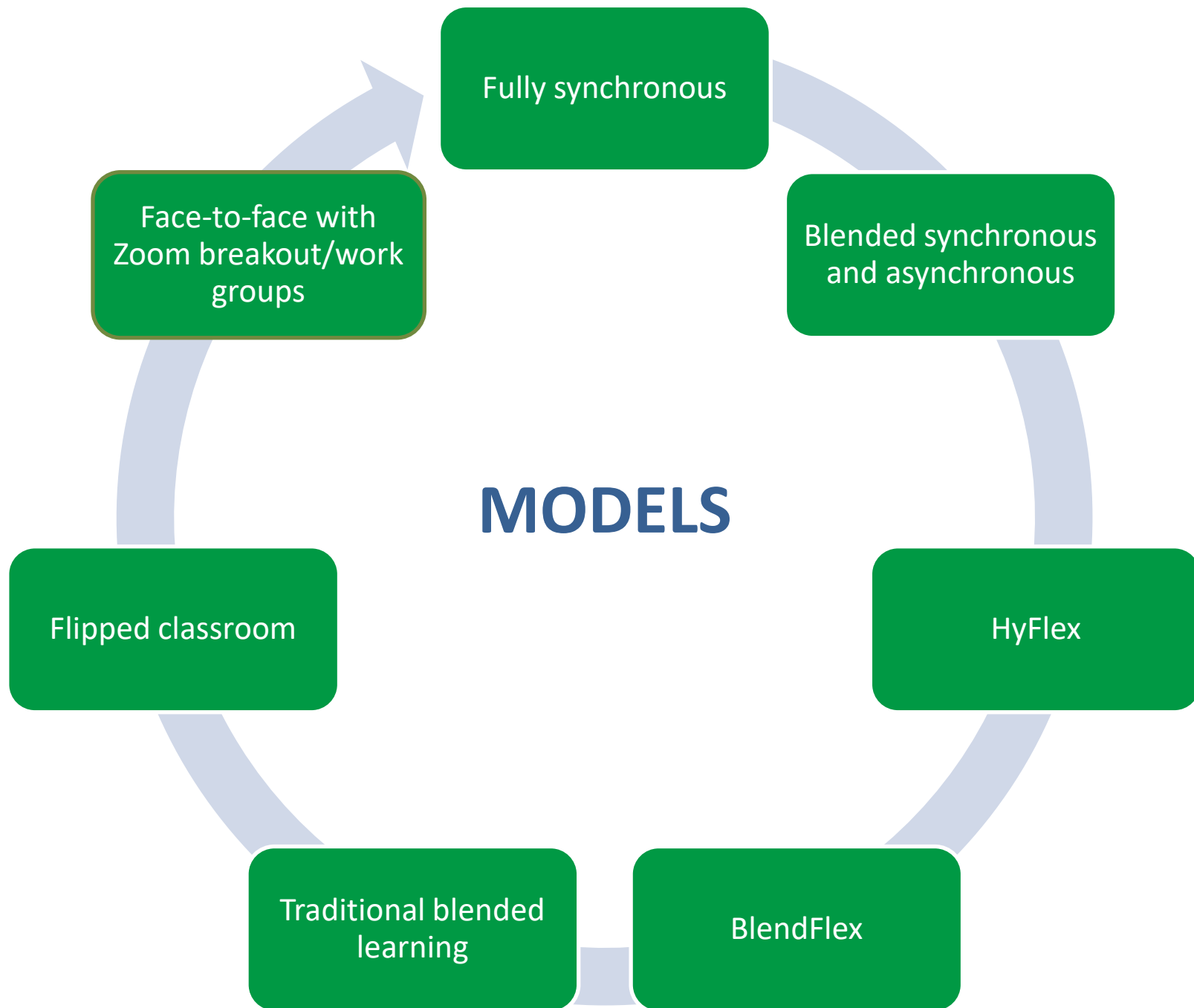


7 models – challenges & strategies



Zoom tools for engagement and inclusion





Fully synchronous



*Main
advantage

- Physical safety/accessibility

Challenge

- Avoid talking head

Strategies

- Vary the pace of classes e.g. mini lectures, video, whole group Q&A, breakout rooms, student presentations
- See 4 models at <https://teachonline.ca/webinars>

*During COVID

Blended asynchronous-synchronous



Main
advantage

- Enhances instructor presence

Challenge

- Choosing best activities for each mode

Strategies

- Async (LMS) best suited for content, resources, reflective discussion, quizzes
- Sync (Zoom) best suited for spontaneous discussion, reinforces community, social cohesion, instructor presence

HyFlex model



<https://info.ehl.edu/hubfs/Blog-EHL-Insights/Blog-Header-EHL-Insights/hyflex.jpeg>

Main
advantage

- Flexibility for students

Challenge

- Ensure equivalent outcomes both modes and equitable access

Strategies

- All resources online, record classes, don't ignore Zoom students, polling, chat
- <https://www.hyflexlearning.org/>

BlendFlex

Mode	Mon (Week 1)	Wed (Week 2)	Fri (Week 3)
Face-to-face in class	Cohort A	Cohort B	Cohort C
Remote via Zoom	Cohort B Cohort C	Cohort A Cohort C	Cohort B Cohort A

Main
advantage

- Better space utilization

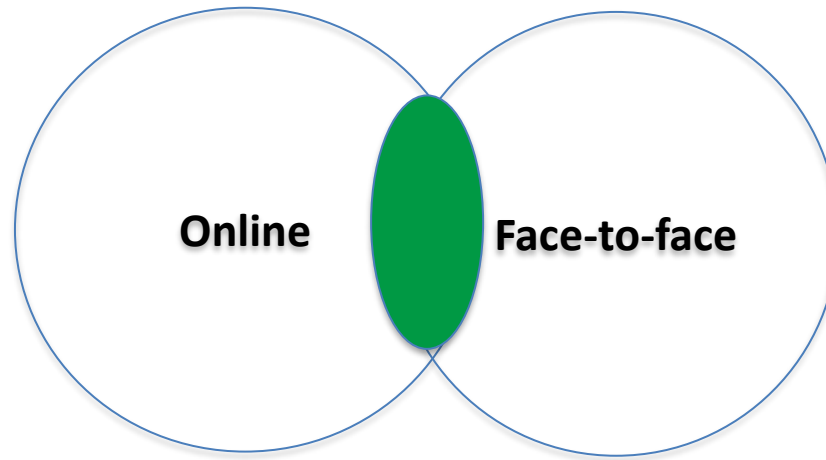
Challenge

- How to optimize F2F time

Strategies

- Record classes, async discussions
- <https://digitallearning.ucf.edu>

“Traditional” blended learning



Main
advantage

- Better space utilization

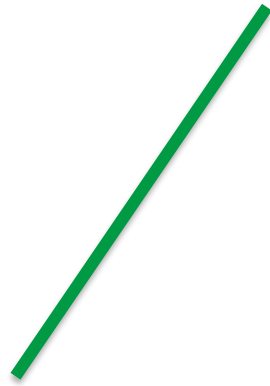
Challenge

- How to optimize F2F

Strategies

- Analyze course content to decide what's best F2F and online

Flipped classroom



Main
advantage

- Space utilization??

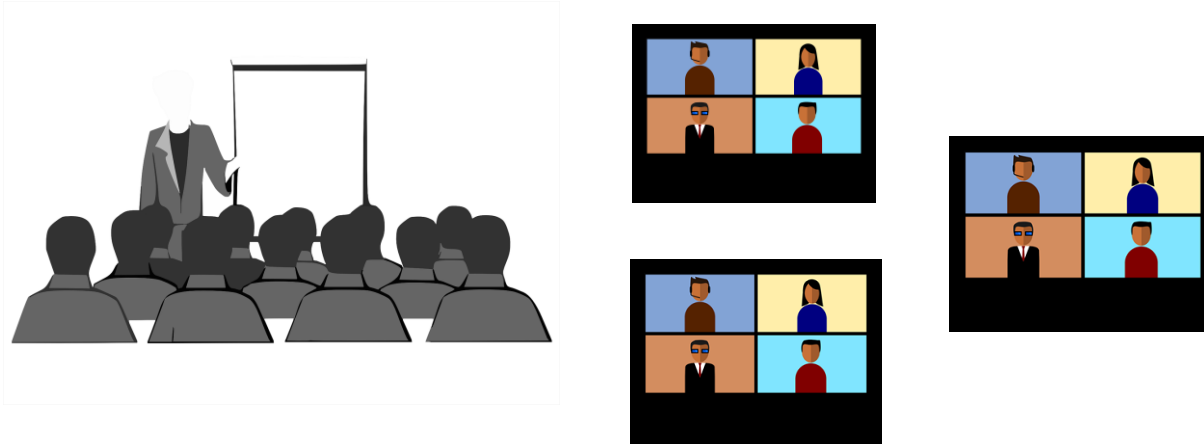
Challenge

- How to facilitate active learning in class and get students to do online work

Strategies

- Creating engaging online content/discussions/problem sets and prepare students for class

Face-to-face with Zoom breakout



Main
advantage

- Social contact

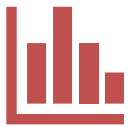
Challenge

- How to engage students in class lectures

Strategies

- Structuring meaningful breakout room activities

Engagement and inclusion with Zoom tools



Polling



Chat



Screen
sharing



Immersive
view



Breakout
rooms



Basic principles for engagement and inclusion



Create welcoming environment



“Chunk” content presentations

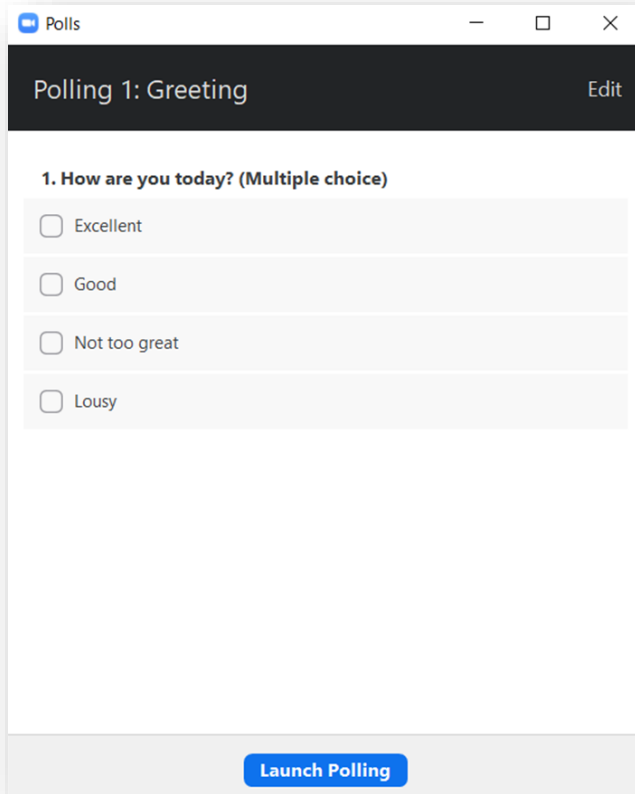


Foster community building



Promote active learning

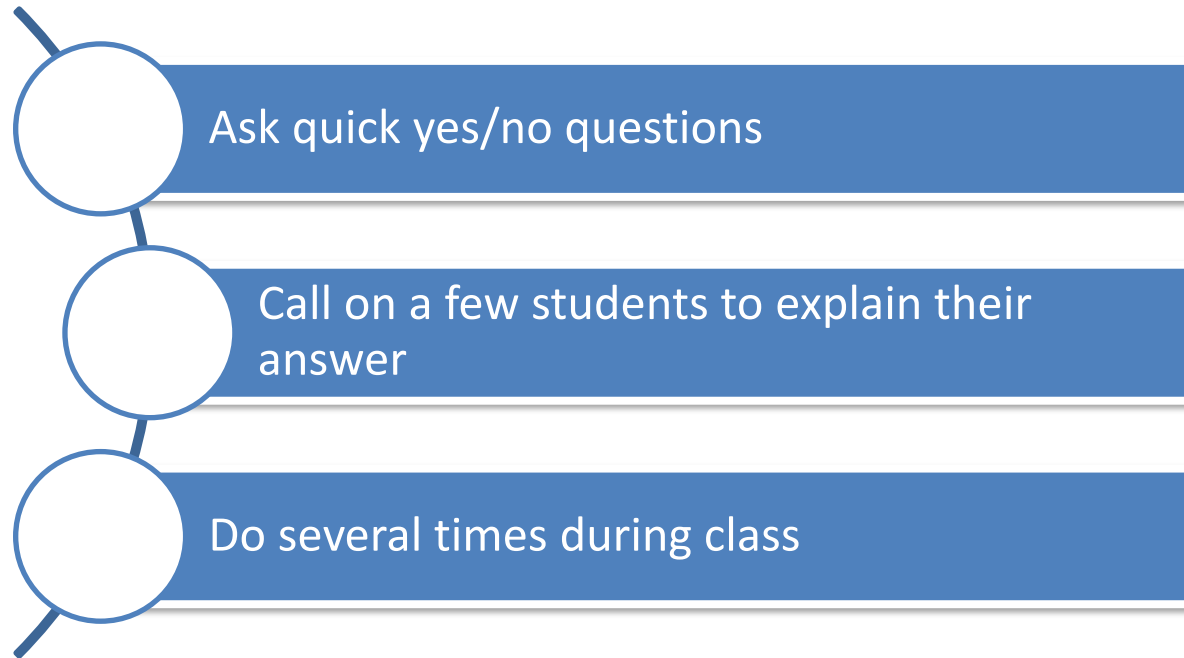
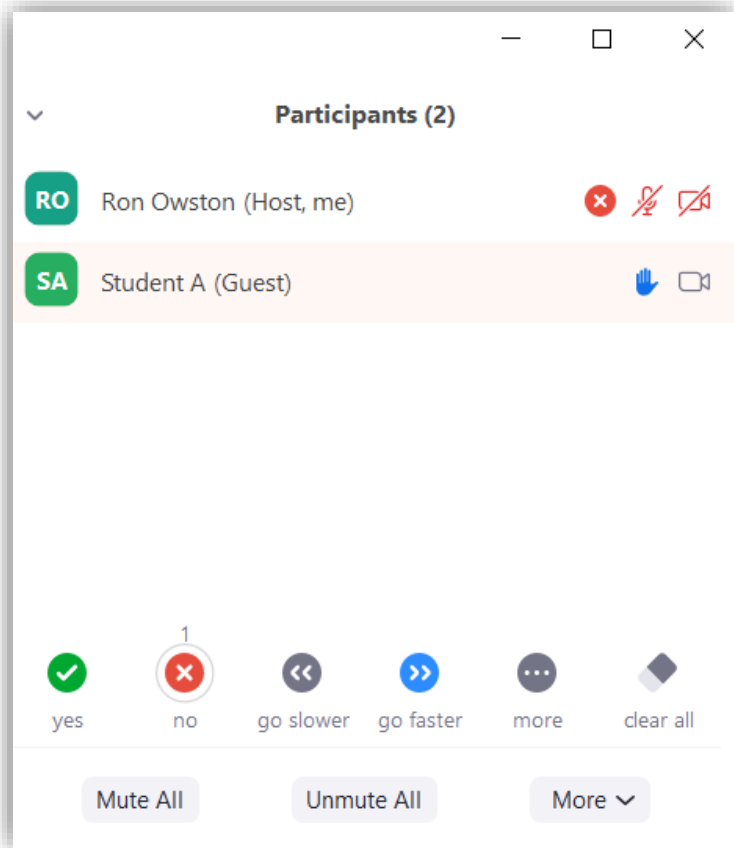
Polling students



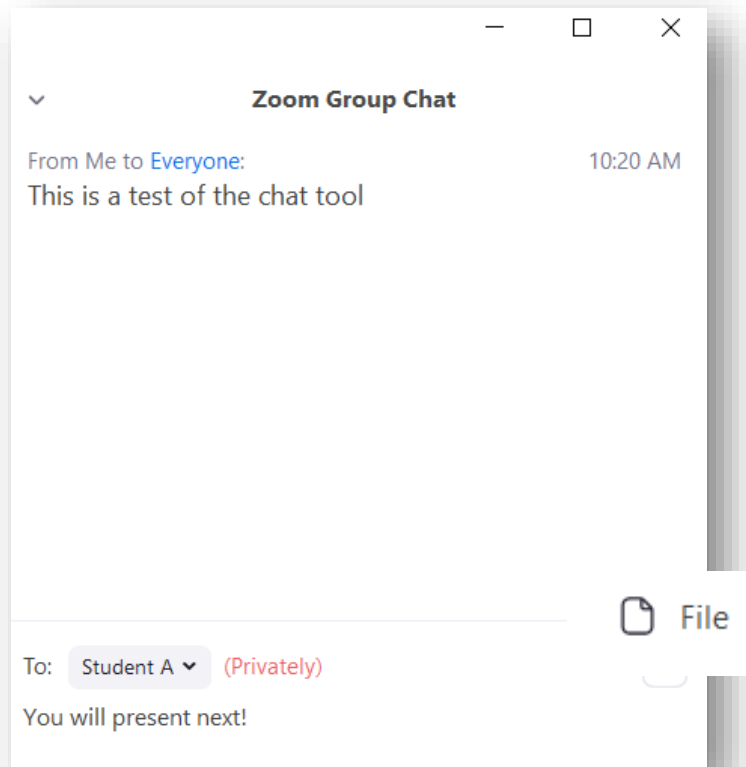
The screenshot shows a web application window titled 'Polls'. Inside, there's a section titled 'Polling 1: Greeting' with an 'Edit' link. Below this, a question is posed: '1. How are you today? (Multiple choice)'. There are four radio button options: 'Excellent', 'Good', 'Not too great', and 'Lousy'. At the bottom of the form is a blue button labeled 'Launch Polling'.

- Ice-breaking activities
- Quick checks on understanding
- 1 minute evaluations

Polling by hand raising/voting

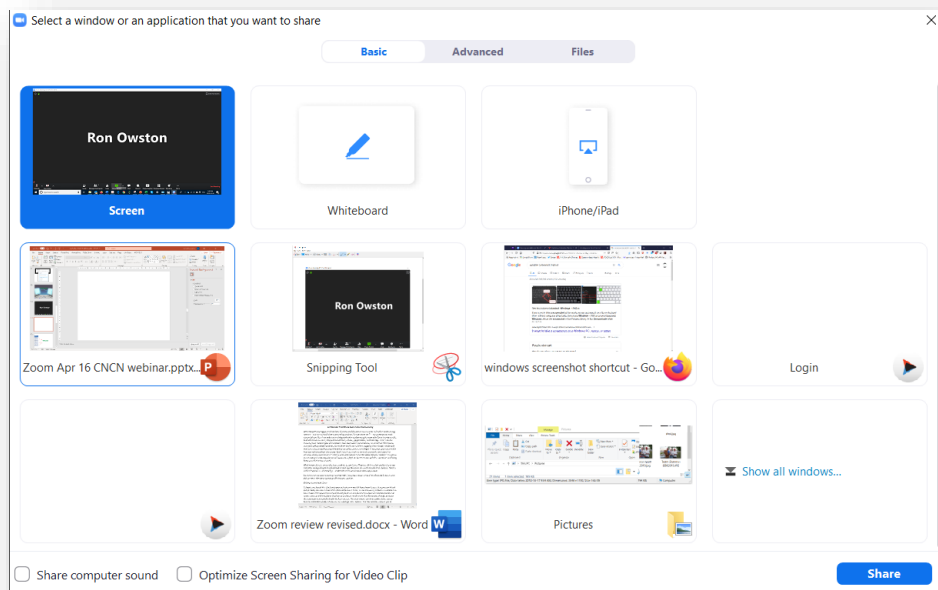


Chat tool



- Back channel questions/discussion
- Pause to check several times during class
- Ask all students to post answer at same time

Screen sharing



Ask students/groups to share

Model your work (see Khan Academy)

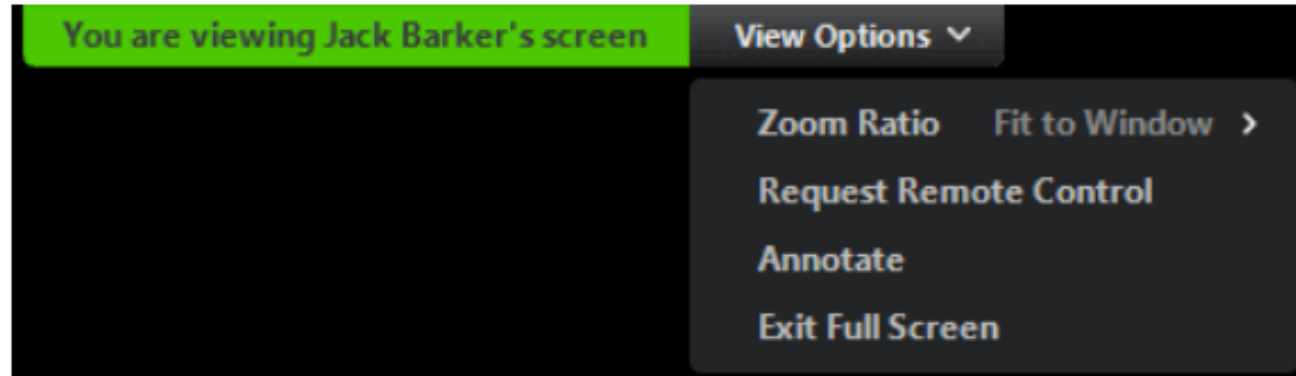
Live demos

Share brief videos

Student takes remote control

Actively
engages
students

Student
to student
or student
to
instructor



Breakout room ideas (*whole class)



*DISCUSSIONS –
STRUCTURES, THINK-
PAIR-SHARE, 3-2-1



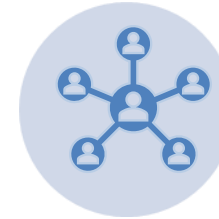
*WHITEBOARD –
ZOOM AND EXTERNAL
CLOUD



*SPECIALIZED TOOLS



*WIKIS/ MINDMAPS



DIFFERENTIATED
ROOMS



*GOOGLE – DOCS,
SLIDES, JAMBOARDS



MEMES

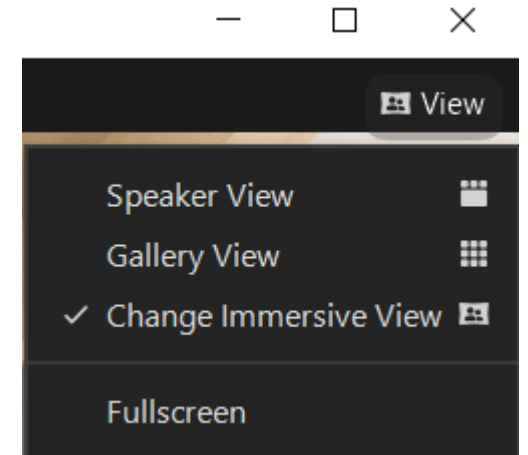


ESCAPE ROOMS



*SIMULATIONS
EG. [HTTPS://PHET.COLORADO.EDU](https://phet.colorado.edu)

Reporting back in immersive view



Challenge – look for ways you can make classes more engaging and inclusive

New teaching with Zoom webinar series to start in August. Watch <https://teachonline.ca/webinars>

Thank you!

<http://ronowston.ca>

