

H5P Workshop Series

Workshop I: Interactive Videos

TEACHING COMMONS

YORK 



Welcome to our workshop on H5P!

YELIN SU

- › Educational Developer
- › Teaching Commons
- › ysu@yorku.ca



ROBERT D. WINKLER

- › Instructional Designer
- › Teaching Commons
- › rwinkler@yorku.ca



What are we going to achieve today?

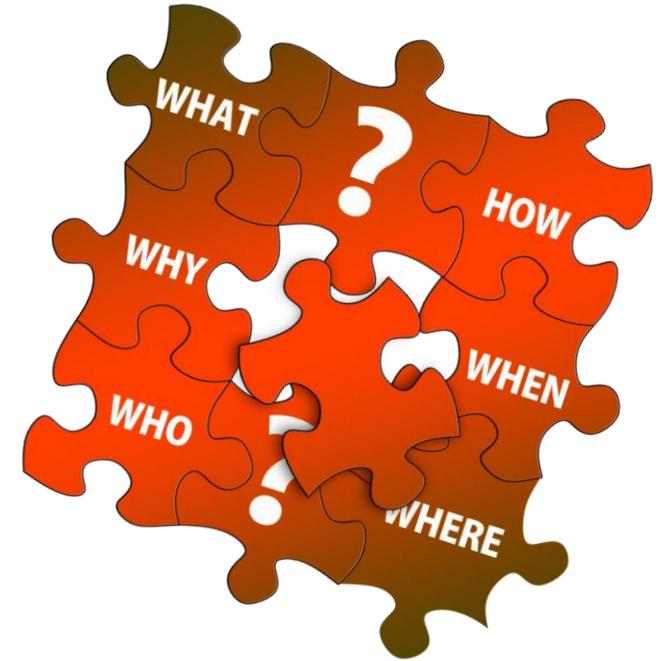
By the end of the session, you will be able to:

- Identify and understand the basic techniques and steps of adding interactive features to instructional videos using the H5P plugin in eClass
- Identify the advantages and disadvantages of using H5P interactive videos in teaching
- Discuss and reflect on how you might use interactive videos effectively in planning for teaching
- Apply in practice some of the basic features of developing an interactive video with H5P



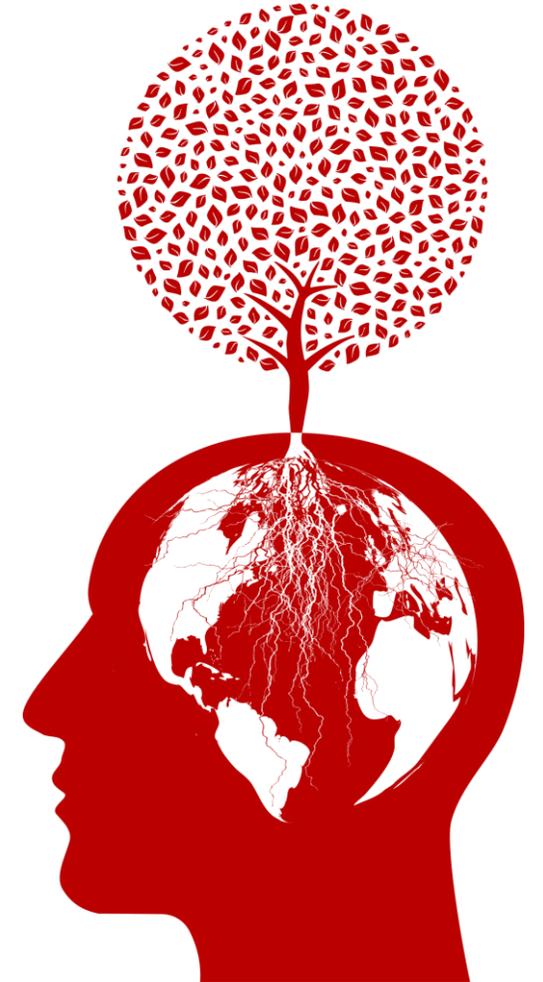
Agenda

- A brief intro to H5P
 - What is H5P and what can it do for a teacher?
 - Where do I find H5P plugins in eClass?
- Interactive video demo and learn
 - Tutorial
 - Pedagogical reflection
- Debrief and questions
- Resources



What is H5P?

- **HTML 5 package: a free and open-source content collaboration framework based on JavaScript that allows the user to create, share, and re-use self-contained, interactive, dynamic learning content objects**
 - ✓ Fully integrated with eClass (and with H5P enabled websites)
 - ✓ Wide range of rich interactive content types available
 - ✓ Some content types are even integrated with the Gradebook
 - ✓ Objects are downloadable and might be used cross-platforms



Review Sample H5P Learning Objects

- Enroll in TC BOLD OPEN course :

<https://eclass.yorku.ca/course/view.php?id=53106>

- Go to “Lesson 6: Working with Multimedia & H5P” and scroll down to



- In 15 minutes, review at least 2 sample objects of your choice
 - ✓ Interactive video
 - ✓ Interactive book

Pedagogical Advantages

- H5P learning objects facilitate and encourage:
 - ✓ Opportunities for dynamic engagement and interaction with course content
 - ✓ A more learner-centred approach to learning
 - ✓ Autodidactic (self-directed) learning in a S.M.A.R.T. (specific, measurable, attainable, realistic, and timely) manner
 - ✓ ‘Chunking’, a modular approach to teaching and learning that allows for flexible repositioning and instant remediation
 - ✓ Branching, allowing students to develop and follow custom paths and timing for mastery learning

H5P Interactive Video

- Allows adding user interactions to instructional videos including:
 - ✓ Clickable URLs
 - ✓ Images, textboxes, figures, and tables
 - ✓ Quiz type questions (short answer, multiple choice, T/F, drag'n'drop, etc.)
 - ✓ Branching prompts
- Fully integrated with eClass Gradebook



**Interactive Video:
A Hands-on Demonstration**

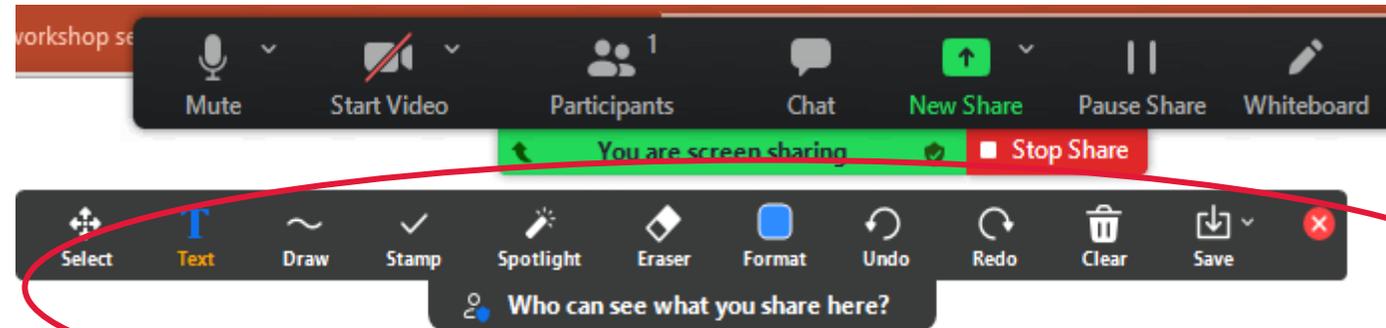
Group Brainstorm: Potential Uses for Interactive Videos

- You will be randomly assigned to one of our breakout rooms
- Think of a video you created for your course last year:
 - ✓ Are there places in that video where you thought you could ask your students a question to check for understanding or maybe add more information or resources about a certain idea?
- Collectively, share your example and discuss how you would use interactive video features in your own teaching
- Record the main points of your discussion using the whiteboard, and make sure you save it before leaving the breakout room

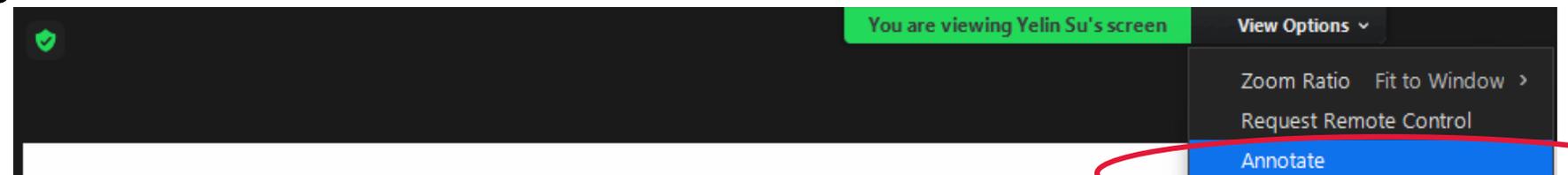


Group Brainstorm: Potential Uses for Interactive Videos

- In the breakout room, have a volunteer to enable the whiteboard by clicking “share screen” then choose “whiteboard”
- If you are sharing your whiteboard, you should be able to write on the whiteboard with the editing tool

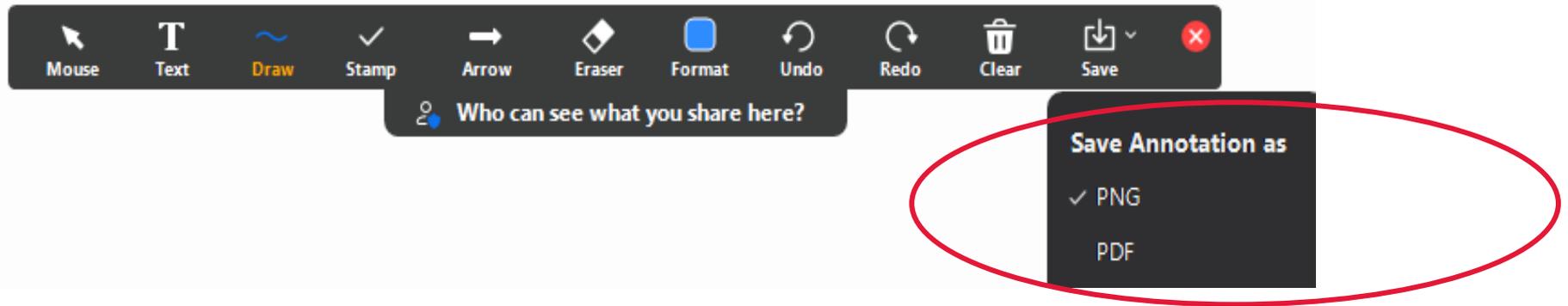


- Rest of the group can activate the whiteboard editing tool by choosing “Annotate” from “View Options”

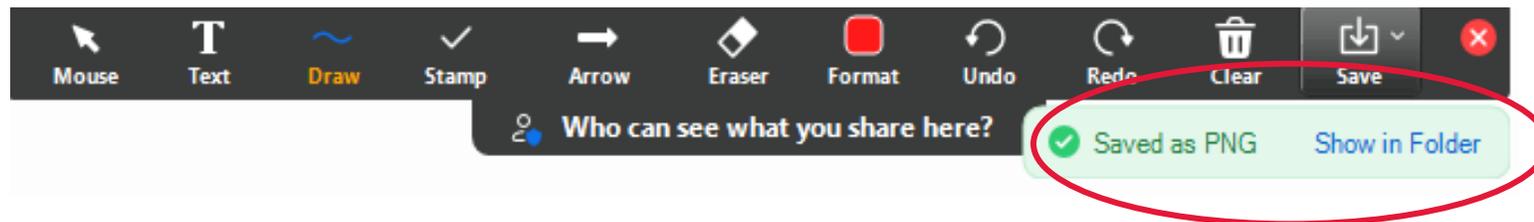


Group Brainstorm: Potential Uses for Interactive Videos

- Save your whiteboard before returning to the main meeting room by clicking “Save” and choosing to save as PDF. This will create a folder “zoom” in “Documents” in your local drive.



- To make it easier, before exiting the breakout room click ‘Save’ and choose ‘Show in folder’. This will bring up the folder for easier access!



- When we regroup in the main room, we will invite each group to share their discussions.

Debrief & Questions

- What do you find the most appealing about the H5P Interactive Video?
- What seemed the most challenging problems to you?
- What are the most likely mistakes one may make when working with it? How can those be avoided?
- What else would you like to know about it?
- Questions?



Learning More About H5P at York University

➤ RESOURCES

- ✓ H5p website: <https://h5p.org/>
 - Examples: <https://h5p.org/content-types-and-applications>
- ✓ LUMI: <https://lumi.education/>
- ✓ eCampus Ontario H5P Studio: <https://h5pstudio.ecampusontario.ca/>
- ✓ eClass BOLD OPEN: <https://eclass.yorku.ca/course/view.php?id=53106>
- ✓ LTS Tutorial: <https://lthelp.yorku.ca/adding-content/creating-interactive-content-with-h5p>
- ✓ LTS Tutorial: <https://lthelp.yorku.ca/adding-content/edit-h5p-content>

➤ FOLLOW-UP

- **What did you think about this workshop?**
Workshop Evaluation:
<https://teachingcommonsforms.apps01.yorku.ca/forms/view.php?id=885364>
- **What else would you like to learn about the eClass H5P content types ?**
Poll:
<https://teachingcommonsforms.apps01.yorku.ca/forms/view.php?id=885798>

How Can We Help YOU?