



# Including Interactivity in your Lecture

Workshop 5, Digital Teaching Series

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# Online Tools to Review



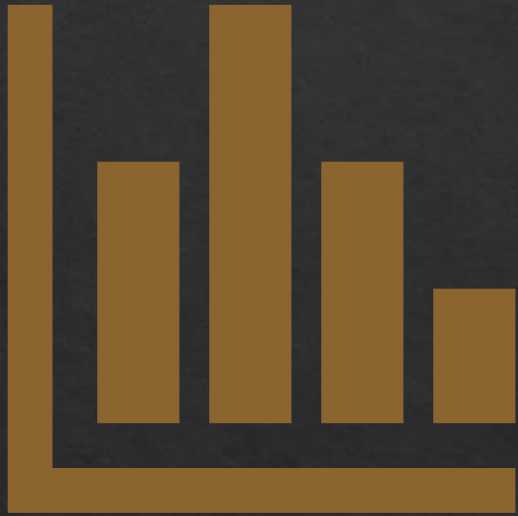
Polling Tools



Online group work



Inclusion of Multimedia



# Polling Tool: Poll Everywhere

# What is a polling tool: how does it work?

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Select from a range of question types.

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Provide an access/QR code.

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Students use their devices to answer questions.

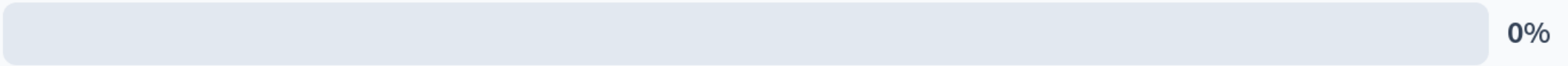
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Results update live.

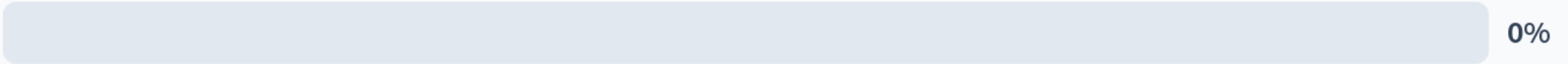
Start the presentation to see live content. For screen share software, share the entire screen. Get help at [pollev.com/app](https://pollev.com/app)

## Have you heard of/used Poll Everywhere before?

Yes



No



# Potential Uses of a Polling Tool



Promote participation and interactivity in lectures.



Gauge student understanding of concepts.



Encourage debate/discussion.



Gather student feedback.



Opportunity for students to answer anonymously.



Use competitions for a gamified approach.

# Poll Everywhere Home Page

Activities are questions you have created.

The screenshot shows the 'Home' page of the Poll Everywhere dashboard. On the left is a vertical navigation bar with icons for home, dashboard, users, and reports. The main content area is divided into several sections:

- Activity:** A blue button with a plus sign and the word 'Activity' is highlighted with a red box. To its right is a link 'Go to activities'.
- Activity response URL:** A section containing a URL 'PollEv.com/aoife' with a globe icon, highlighted with a red box. To its right is an 'edit' link. Below the URL is the text 'Activity status' and 'No activated activity.'
- Recent activities:** A list of five activities, each with an icon and a title:
  - Have you heard of/used Poll Everywhere before?
  - Competition Test
  - Select the lion(s)
  - How are you feeling today?
  - Sample Competition Questions
- Footer:** Three icons for 'Apps', 'Support center', and 'Reports' are located at the bottom.

This is the link students use to access and answer questions. You have the option to edit this.

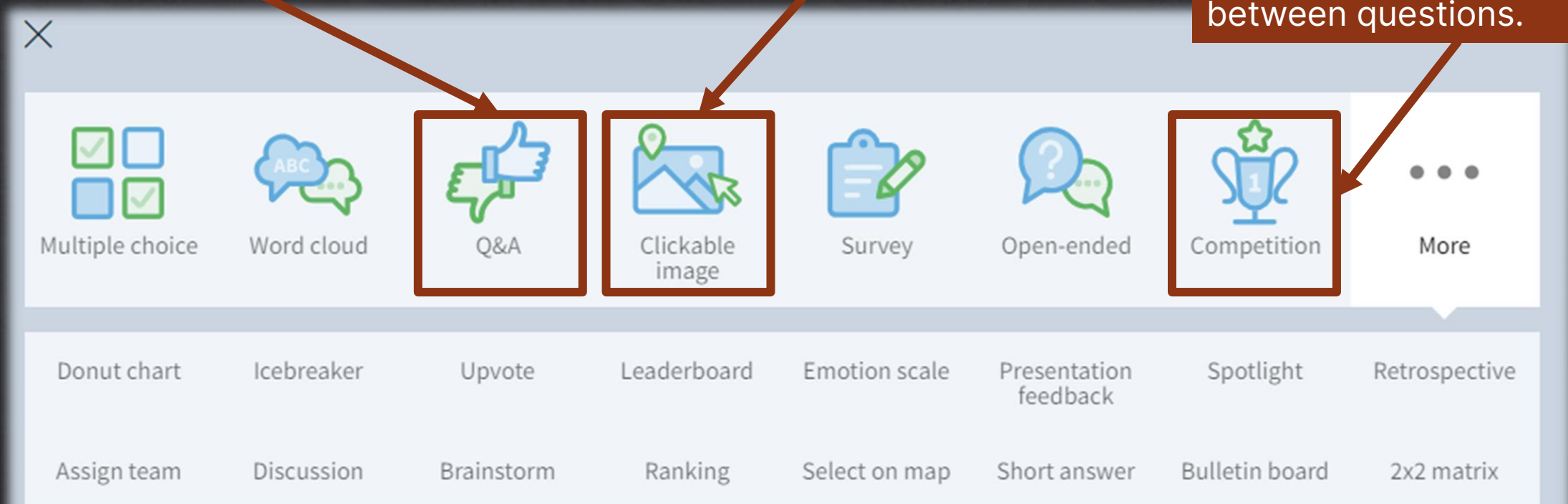


# Activity Types

Pose a question, students can answer, and then up/downvote others' responses.

Ask a question where students respond by clicking on an image. One or more areas can be marked as the correct answer.

Students answer a series of MCQs rapidly to earn points, and a leaderboard displays between questions.



# Download Apps to Integrate with PPT/Google Slides

## Choose your platform

Poll Everywhere for  
PowerPoint (Windows)



[Learn More](#)

Poll Everywhere for  
PowerPoint (Mac)



[Learn More](#)

Poll Everywhere for Apple  
Keynote



[Learn More](#)

Poll Everywhere for  
Google Slides (Chrome)



[Learn More](#)

Poll Everywhere for  
Google Slides (Edge)



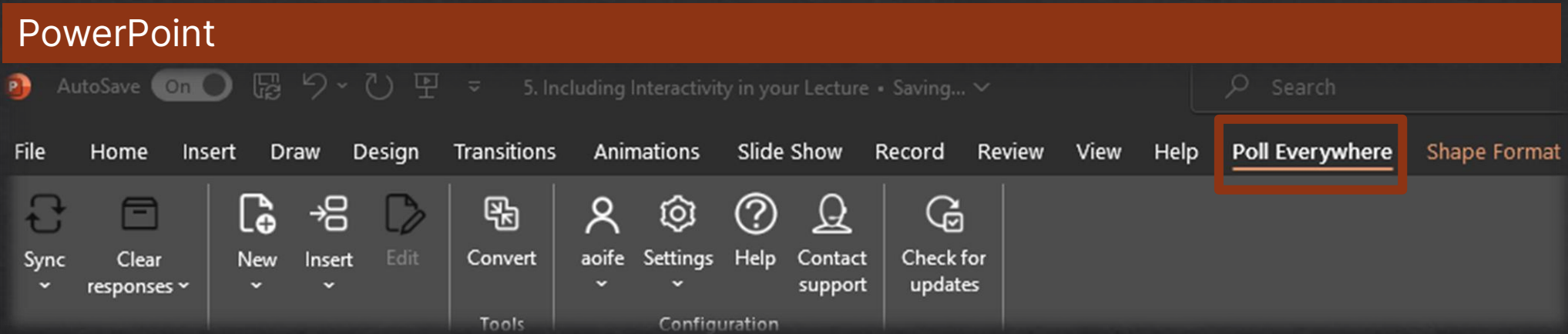
[Learn More](#)

Poll Everywhere for  
Slack

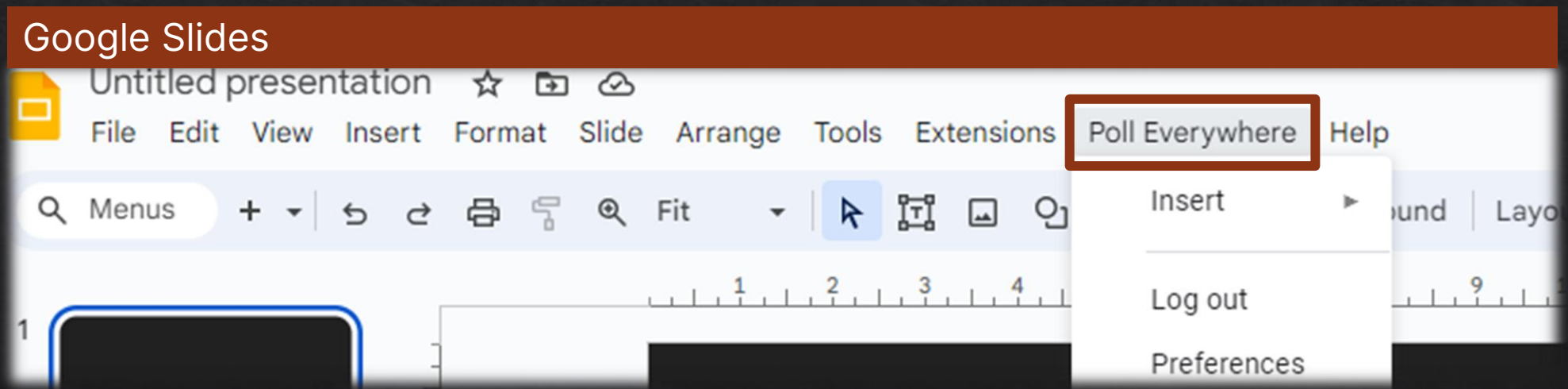


[Learn More](#)

# Adding Activities to your Presentation:



For Mac users, you open the Poll Everywhere app separately once you have installed it and insert them via this separate window.



# Other Useful Poll Everywhere Features:

**Profile**

- Personal info
- Activity settings
- Connected accounts
- Branded response page
- International text messaging
- Features lab
- Log out

**Personal info**

Username (?)  
PollEv.com/ aoife Change

Download QR Code

Email  
aoife.reilly1@ucd.ie Change

Password  
..... Change

First name  
Aoife

Last name  
Reilly

Mobile phone number  
+1 201-555-0123

Time zone  
(GMT+00:00) London

Account information  
You are on the **Standard university wide** Plan.  
You are a presenter on University College Dublin's account.

Update your username in profile settings.  
This is the link students use to access polls.

**Profile**

- Personal info
- Activity settings
- Connected accounts
- Branded response page
- International text messaging
- Features lab**
- Log out

**Features lab**

Pre-release features Beta features

The features here could change, break, or disappear at any time.

OFF **Weighted grading**  
Assign point values to any multiple choice answer  
"Mark as correct" will work the same way, but score

ON **PollEv QR codes**  
Add a QR code to the instructions on a presentation  
PollEv.com/yourname.

Apply lab settings Cancel all changes

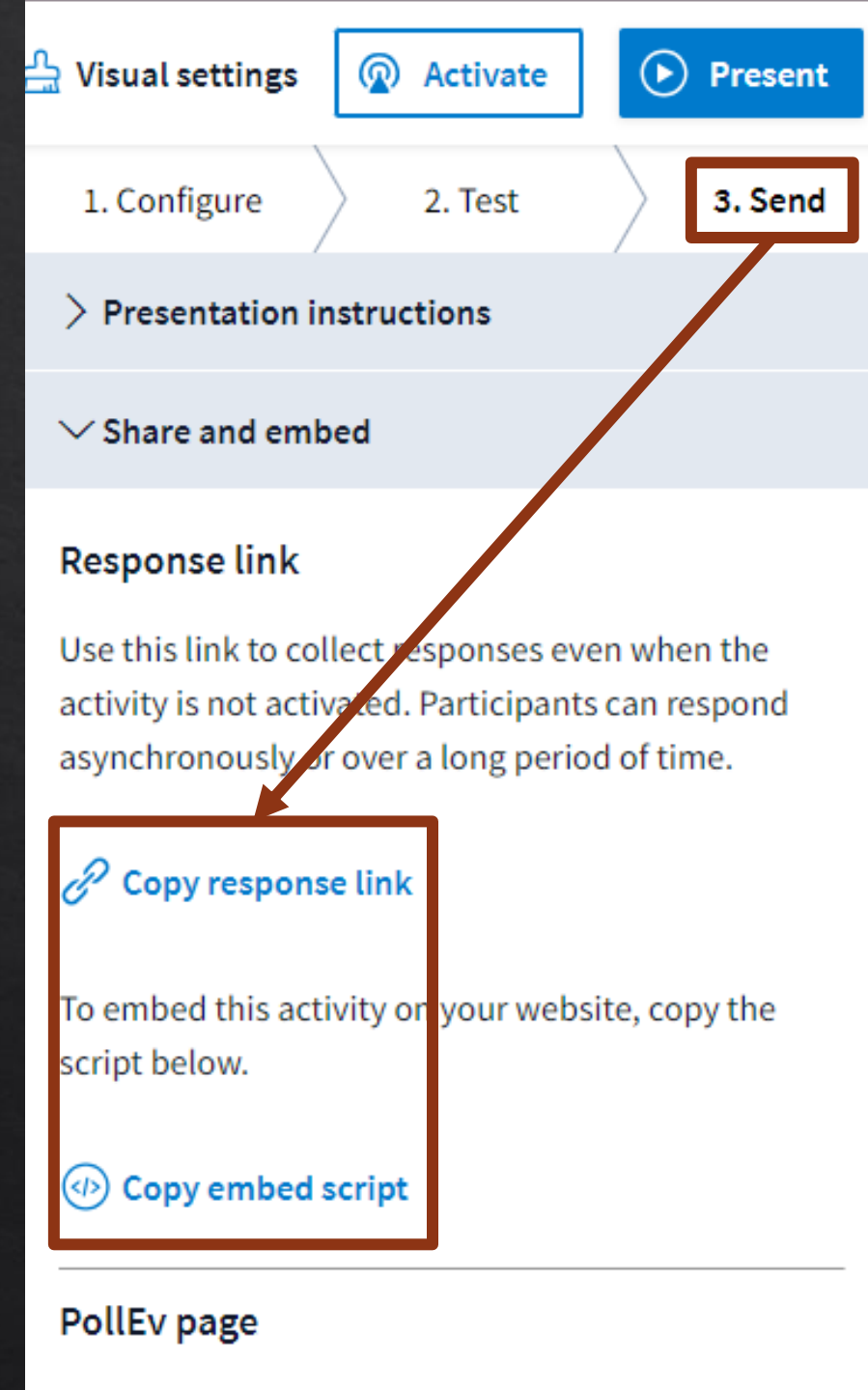
**Poll Everywhere**

- Desktop apps
- PowerPoint
- Keynote

Enable QR codes – students can scan to access activities.

# Add an Activity to Brightspace

- ◆ You can also add links/embed script to Brightspace to collect responses asynchronously.
- ◆ When editing your activity, select the **Send** tab.



The screenshot displays the Brightspace interface for configuring an activity. At the top, there are buttons for 'Visual settings', 'Activate', and 'Present'. Below these are three tabs: '1. Configure', '2. Test', and '3. Send', with the '3. Send' tab highlighted and enclosed in a red box. An arrow points from this tab to a red-bordered box containing the 'Copy response link' button. Below this button is the text: 'To embed this activity on your website, copy the script below.' and another button labeled 'Copy embed script'. At the bottom of the interface, the text 'PollEv page' is visible.

Visual settings Activate Present

1. Configure > 2. Test > **3. Send**

> Presentation instructions

∨ Share and embed

**Response link**

Use this link to collect responses even when the activity is not activated. Participants can respond asynchronously or over a long period of time.

[Copy response link](#)

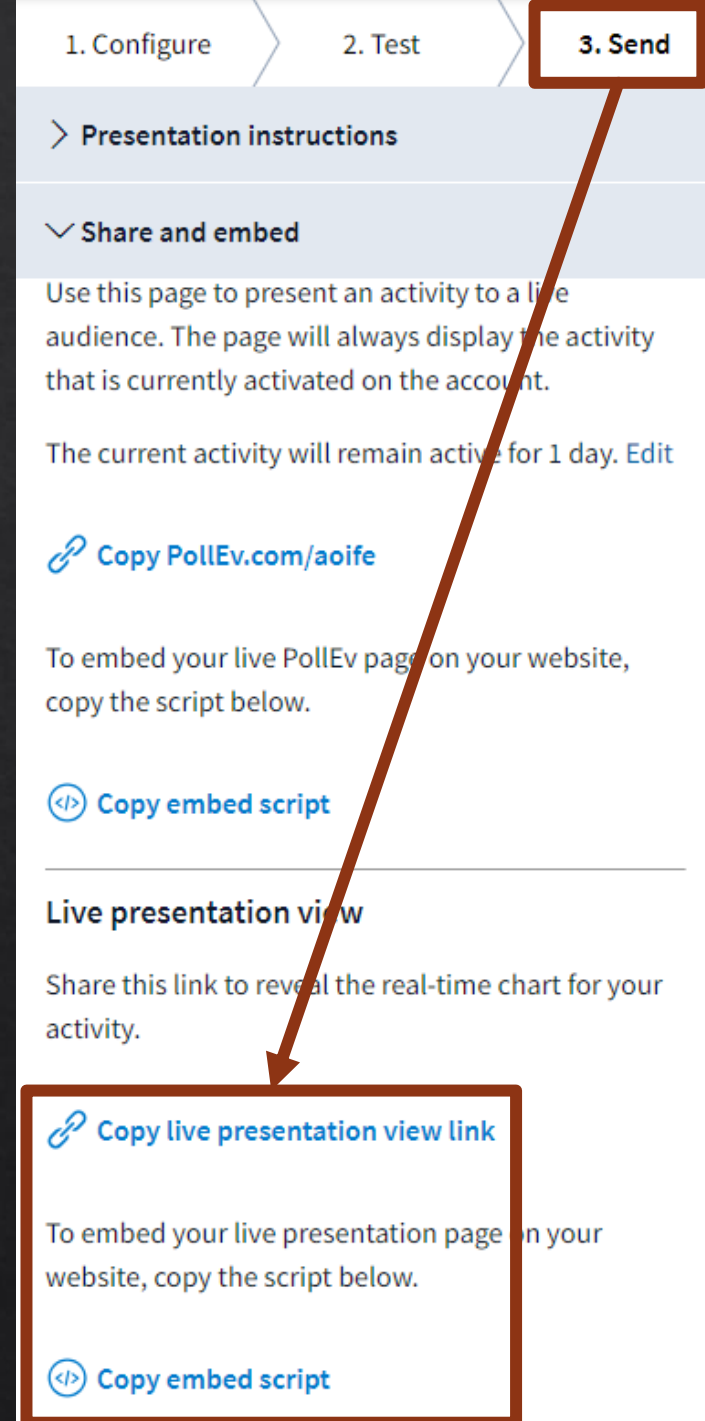
To embed this activity on your website, copy the script below.

[Copy embed script](#)

PollEv page

# Sharing Live Results on Brightspace

- ❖ ***Does not work*** for MCQ and MCQ-based activities (surveys, competitions)
- ❖ Also under the **Send** tab, embed or link this separately to display activity results as participants enter them.



The screenshot shows the 'Send' tab selected in a navigation bar with '1. Configure' and '2. Test' tabs. Below the navigation bar, there are sections for 'Presentation instructions', 'Share and embed', and 'Live presentation view'. An arrow points from the '3. Send' tab to the 'Copy live presentation view link' button in the 'Live presentation view' section.

1. Configure > 2. Test > **3. Send**

> Presentation instructions

∨ Share and embed

Use this page to present an activity to a live audience. The page will always display the activity that is currently activated on the account.

The current activity will remain active for 1 day. [Edit](#)

[Copy PollEv.com/aoife](#)

To embed your live PollEv page on your website, copy the script below.

[Copy embed script](#)

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**Live presentation view**

Share this link to reveal the real-time chart for your activity.

[Copy live presentation view link](#)

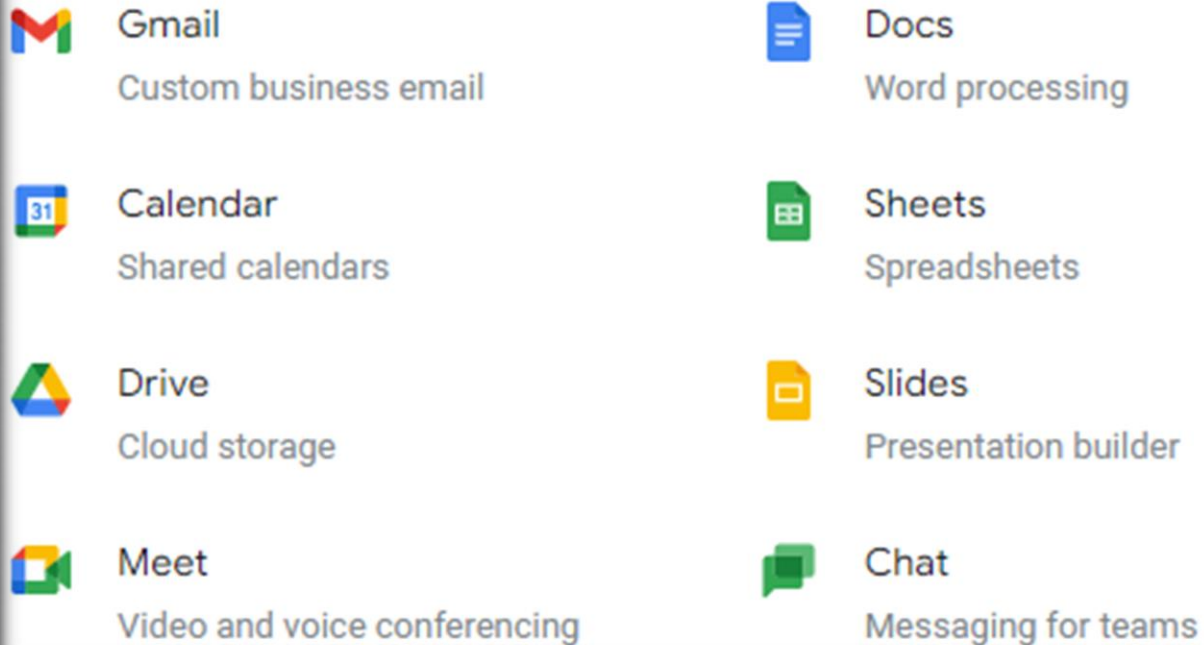
To embed your live presentation page on your website, copy the script below.

[Copy embed script](#)



Online Group  
Work: Google  
Workspace &  
Digital  
Whiteboards

# Google Workspace



- ◆ Slides, Sheets, Docs, Drive
- ◆ Store and share files, live updates, tag users, edit/suggest/review modes.



# Digital Whiteboards



Interactive online whiteboard that can be shared and edited synchronously/ asynchronously.



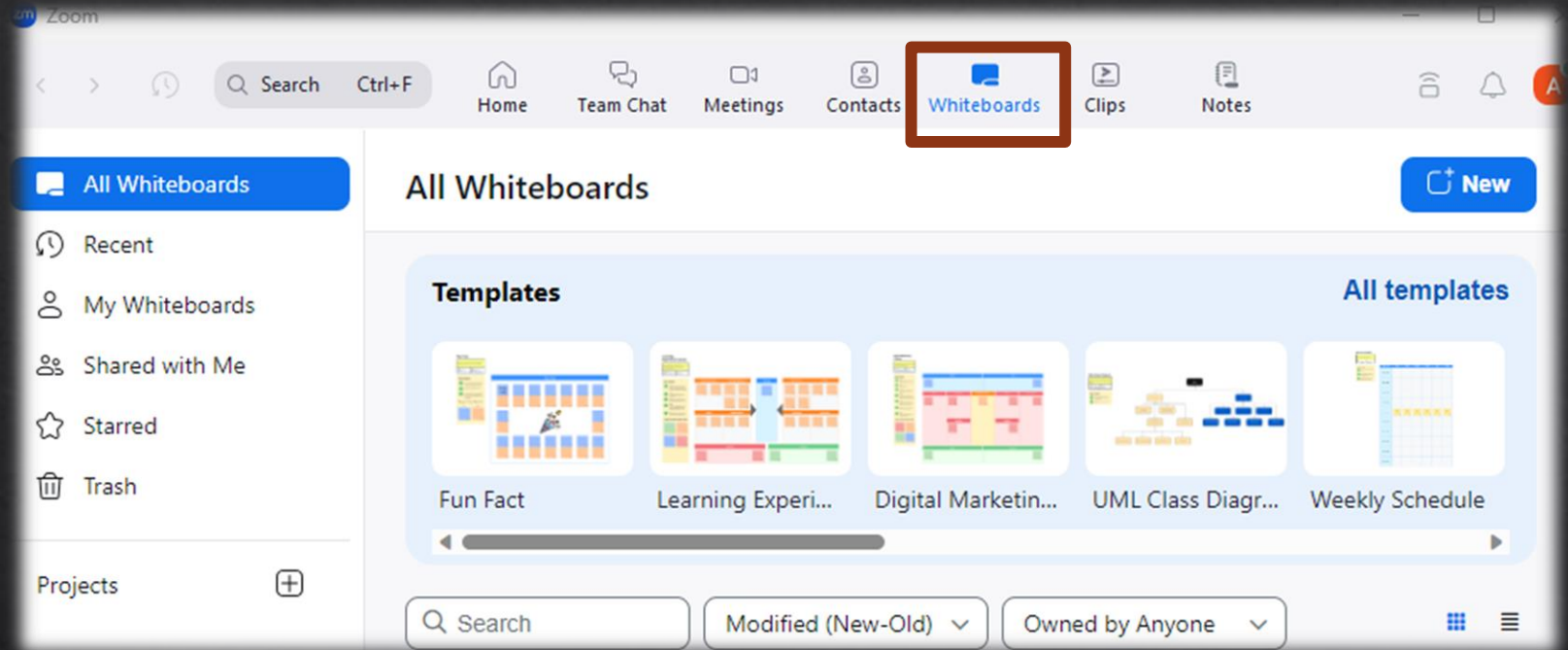
Create content collaboratively using a variety of media such as videos, images, links etc.



Create templates for use in lectures, where students can comment, add text boxes, sticky notes, draw.

# Digital Whiteboard: Zoom (Part I)

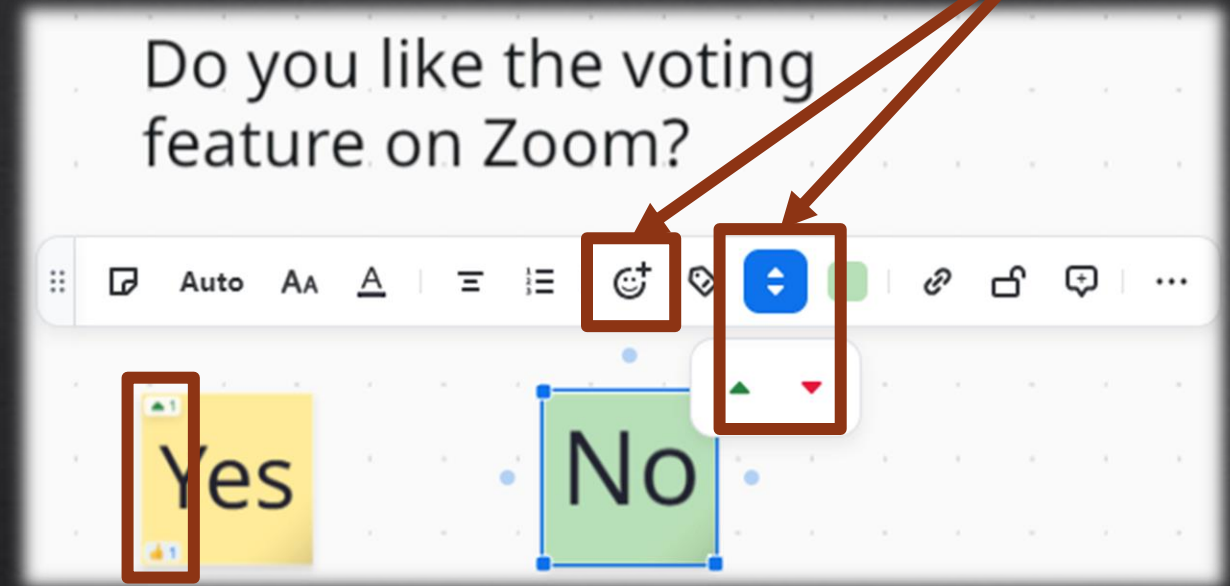
- ◆ All users need a Zoom account to access and edit the whiteboard.
- ◆ Share directly with users via email, or have them access via a link, within or outside a Zoom meeting.



# Digital Whiteboard: Zoom (Part II)

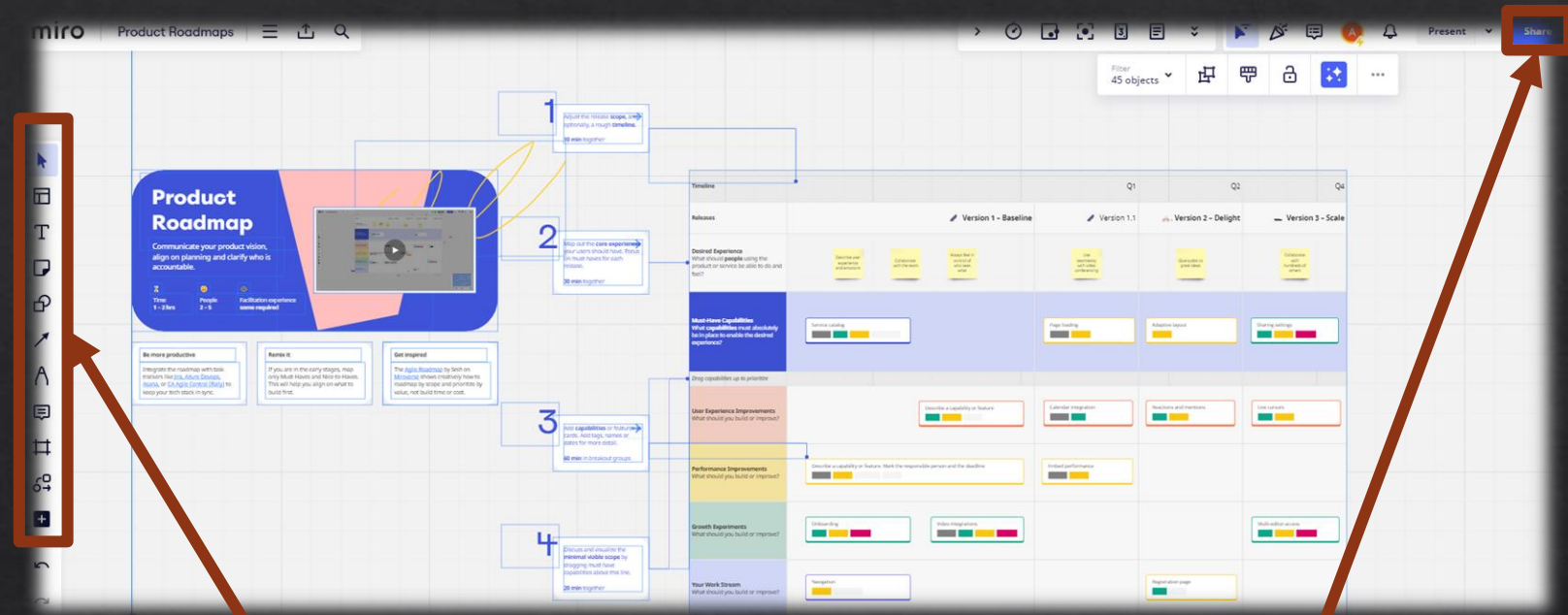
Use up/downvote or emojis to collect responses.

- ◆ Has a selection of templates.
- ◆ Also has the option to include polling using sticky notes feature.
- ◆ Recent TEL All webinar: [Engaging students with the Zoom Whiteboard.](#)



# Digital Whiteboard: Miro

- ◆ Free accounts are limited to 3 boards, but unlimited collaborators.
- ◆ Limited access to features with free account.
- ◆ Use a template or create your own from a blank board.

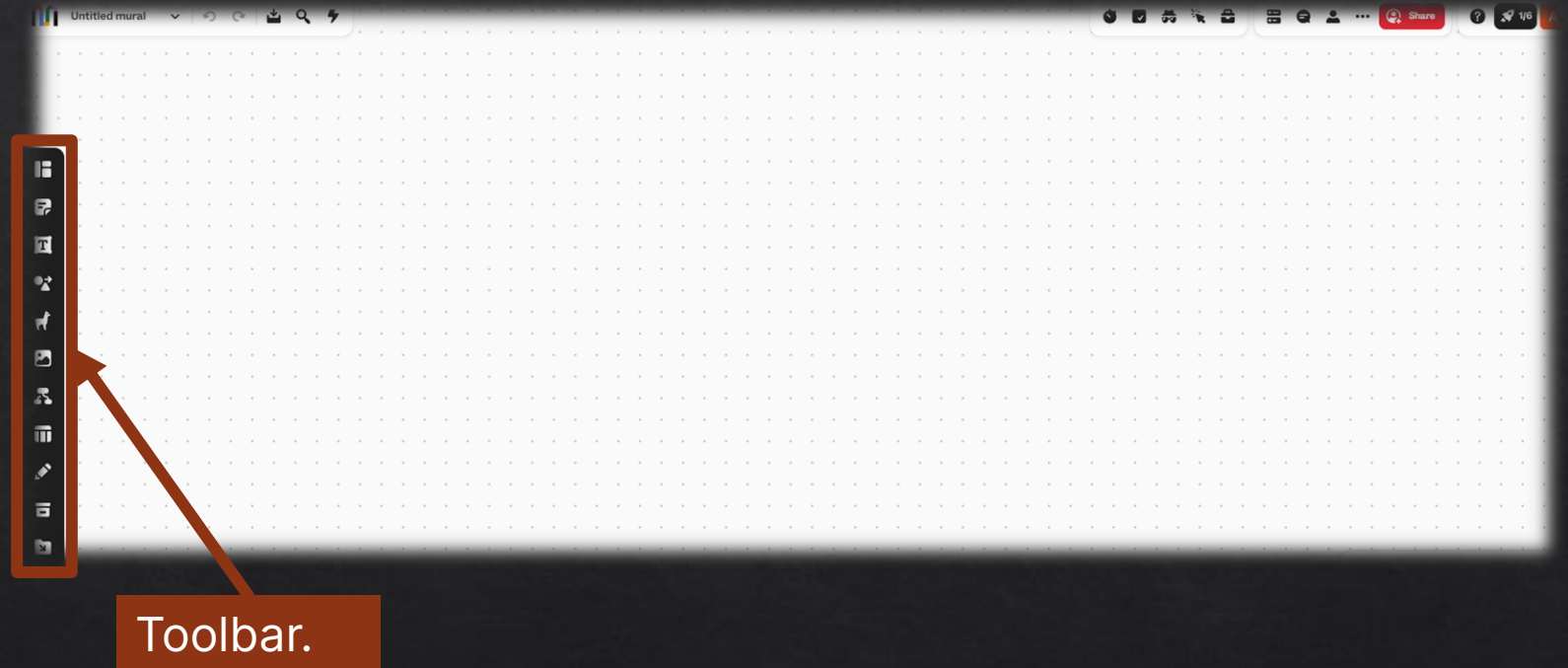


Toolbar: use to add content to board.

Share button to copy link for others to access.

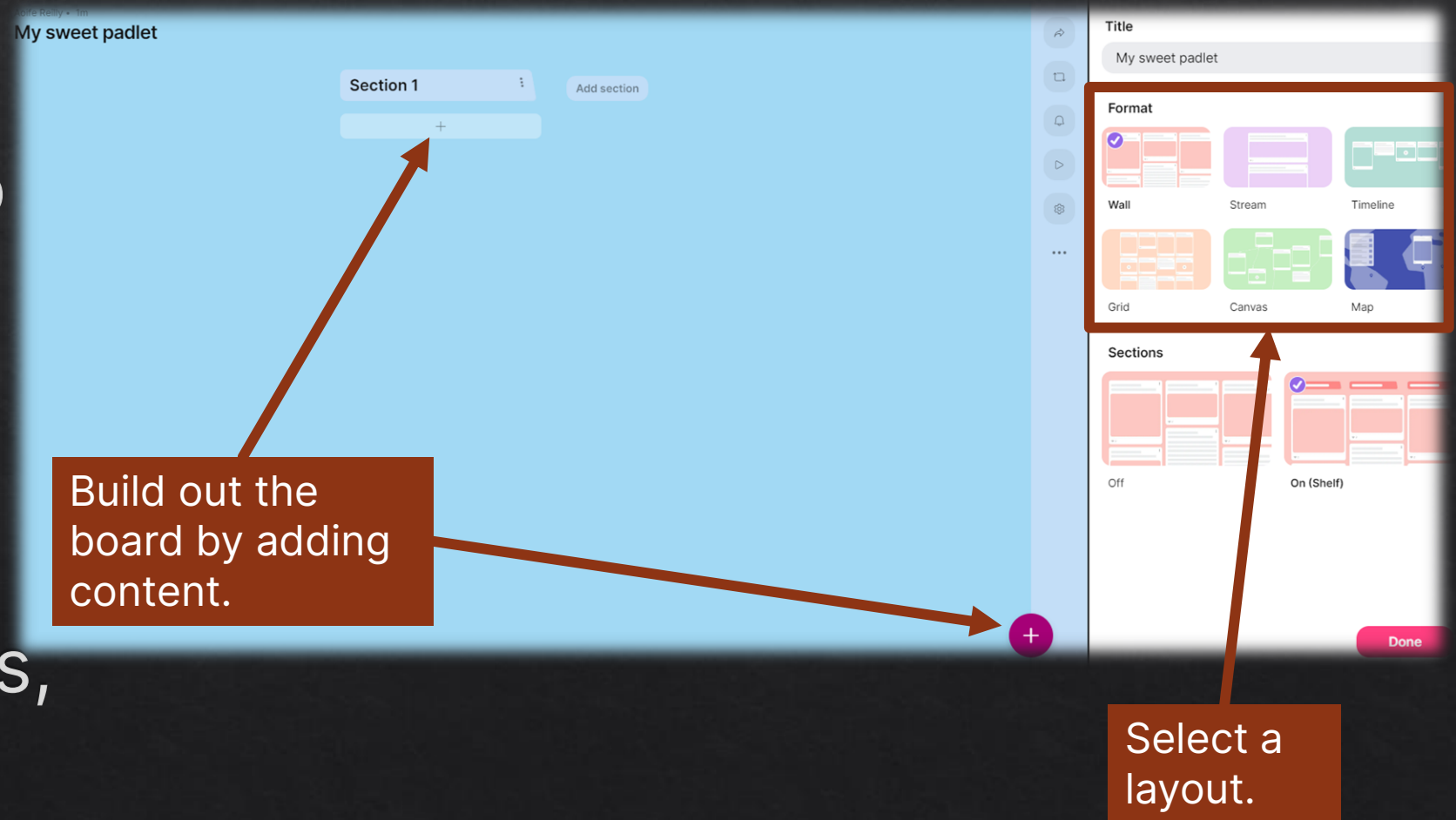
# Digital Whiteboard: Mural

- ◆ Free accounts are limited to 3 boards, but unlimited collaborators.
- ◆ Quick and easy to set up.



# Online Post-it Wall: Padlet

- ◆ Similar to whiteboard, a space for users to post comments, questions, resources.
- ◆ Free account limited to 3 boards, unlimited users.



# Using a Digital Whiteboard

Learning Experience Canvas Use Template

**Learning Experience Canvas**

The Learning Experience Canvas is a visual tool and framework used in education and instructional design to structure effective learning experiences.

**How it works**

1. Define the learning outcomes and objectives.
2. Identify the learning environment and location.
3. Determine the learning strategy and process.
4. Identify the people and characteristics involved.
5. Determine the constraints and resources.

**Drag and drop sticky notes**

**Learning Outcomes** **Learning Objectives** **Strategy** **Environment** **Location**

**People** **Characteristics** **Constraints** **Resources**

**Activities** **Process**

**About this Template**

The Learning Experience Canvas is a visual tool and framework used in education and instructional design to structure effective learning experiences.

**Categories**

- Brainstorming and Ideation
- Design and Research
- Science and Education
- Strategy and Planning

- ❖ It is good practice to have a structure/template set up in advance with questions/tasks clearly labelled.
- ❖ All programmes have a bank of templates you can copy and modify, or start with a blank canvas.



Inclusion of  
Multimedia: JoVE



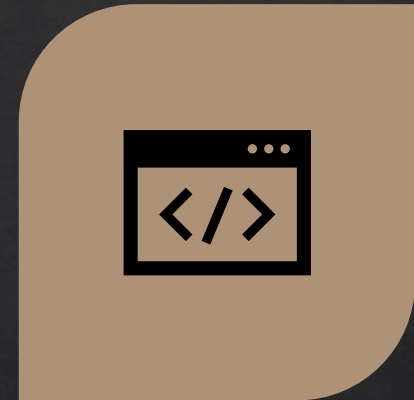
# Digital Resources: JoVE



Scientific video journal.



Contains a *Core section* with short animations to explain concepts.



Can embed these videos within Brightspace.

# JoVE Core Section



Search...



Faculty Resource Center

Research ▾

Education ▾

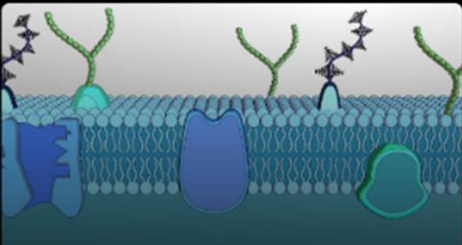
Authors

Librarians

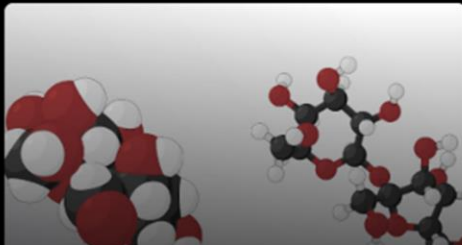
High Schools

About

Sign In ↗



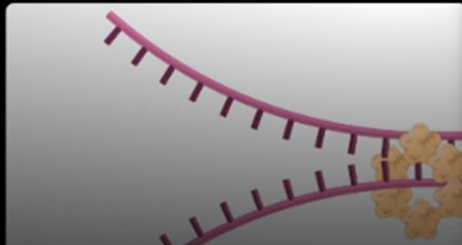
**Biology**




**Chemistry**



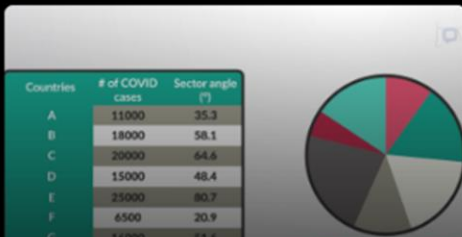
**Social Psychology**



**Molecular Biology**

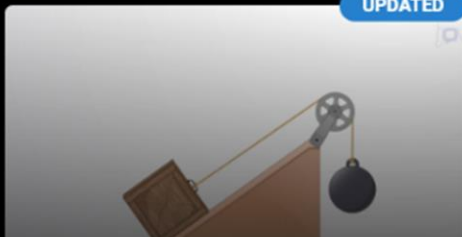


**Organic Chemistry**



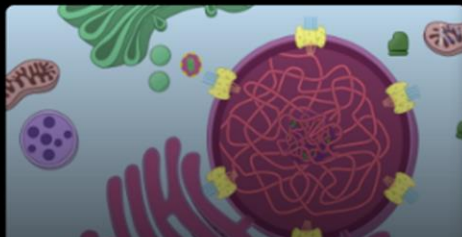
Countries	# of COVID cases	Sector angle (°)
A	11000	35.3
B	18000	58.1
C	20000	64.6
D	15000	48.4
E	25000	80.7
F	6500	20.9
G	16000	51.6

**Statistics**



**Physics**

UPDATED



**Cell Biology**



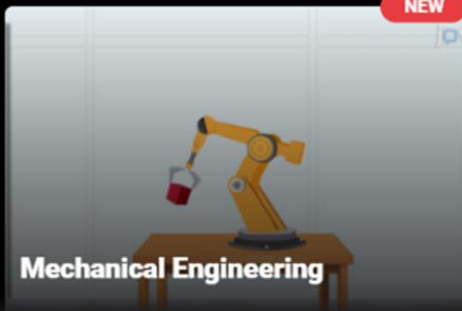
**Nursing**

NEW



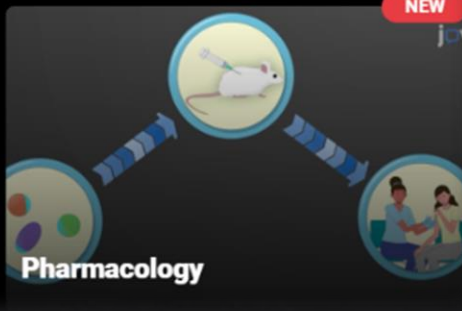
**Anatomy and Physiology**

NEW



**Mechanical Engineering**

NEW



**Pharmacology**

NEW

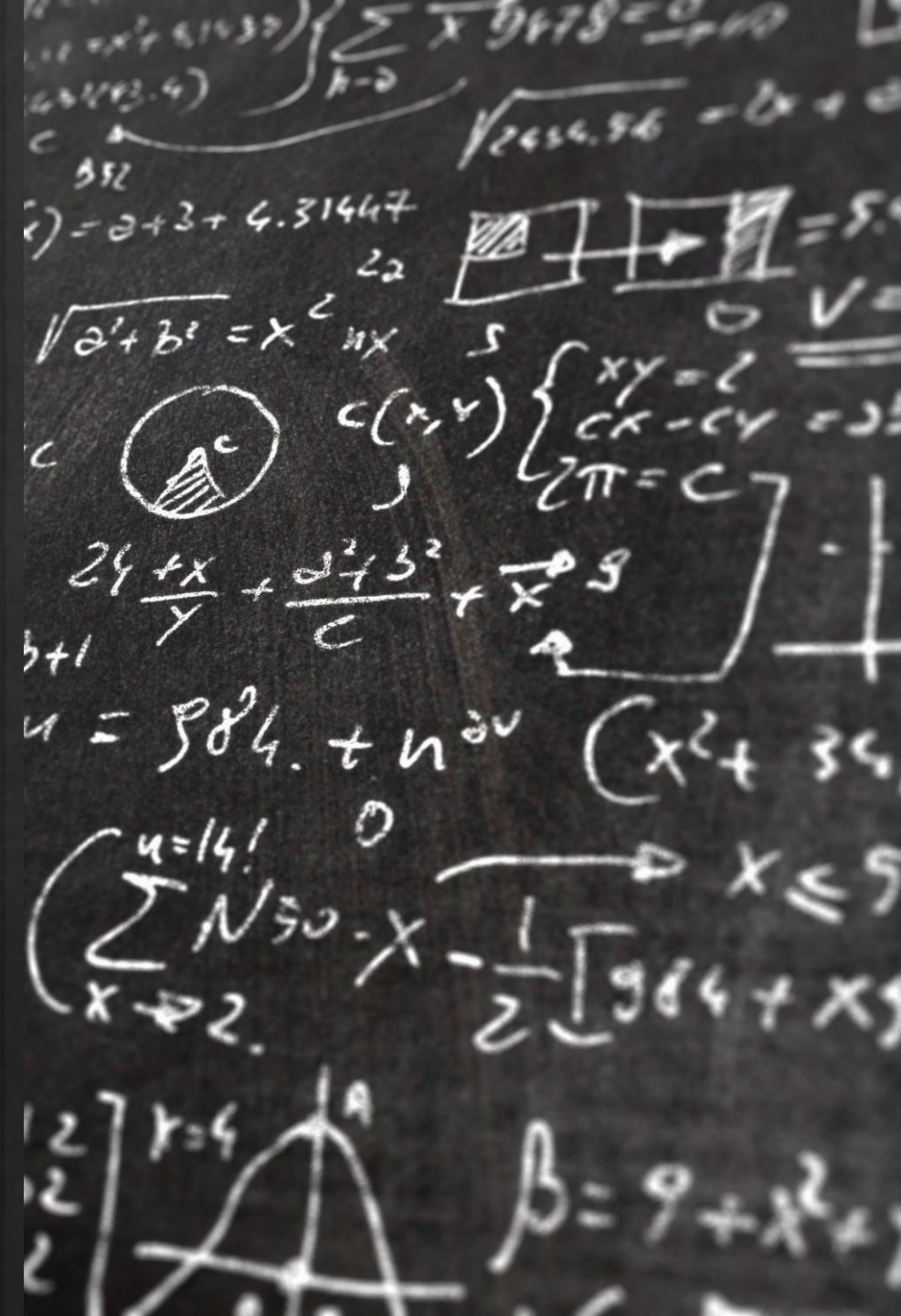


# Multimedia: Combine Digital Tools

- ◆ Watch a short clip and then run a poll.
- ◆ Groups contribute to a digital whiteboard, the class then votes/provides feedback via a poll.
- ◆ After watching a video clip, the class answer a series of questions on a pre-set post-it wall.

# Some Other Honourable Mentions

- ◆ Polling Tool: [Mentimeter](#)
- ◆ Digital whiteboard: [Explain Everything](#).  
Also functions as a presentation tool.
- ◆ Quizzing Tool: [Kahoot](#)





*Any Questions?*