



Jamboard

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1 Introduction to Jamboard

Jamboard is a free online whiteboard application produced by Google that works in real-time. The webpage is <https://jamboard.google.com/?pli=1>

2 Classification

Classification Tag	Mark with an X if applies	Criteria
Purpose of tool		Climate change specific
	X	Generic
Phases in where it can be used	X	Preparation/ Planning/Design
	X	Implementation
		Evaluation
Type of tool	X	Web-based
	X	Mobile
		Hybrid (web/mobile)
		Computer-based program/software
	X	Cloud-based platform
		Other

3 Description

What is this tool about

Jamboard is an interactive online whiteboard application that enables collaboration. You can log into your Google account and select jamboard from the applications menu, or open jamboard during the meeting in Google Meet and share the screen.

For which purposes is it used

Educators can engage all students in the learning process. Android and the Jamboard app for iOS makes it easy for students and educators to get creative from their phones, tablets, or computers. It allows sharing ideas easily during brainstorming or during classes.



Limitations of the tool

People in up to 50 user sessions can work on a jam at once. When using a web browser, each Jamboard browser tab counts as a session. Any audio or video can not be embedded or not be included live links on a Jamboard on a computer. It is an idea board or Design Thinking tool, but does not offer templates. Jamboard also offers limited number of graphical materials compared to other similar tools such as Miro and Figma.

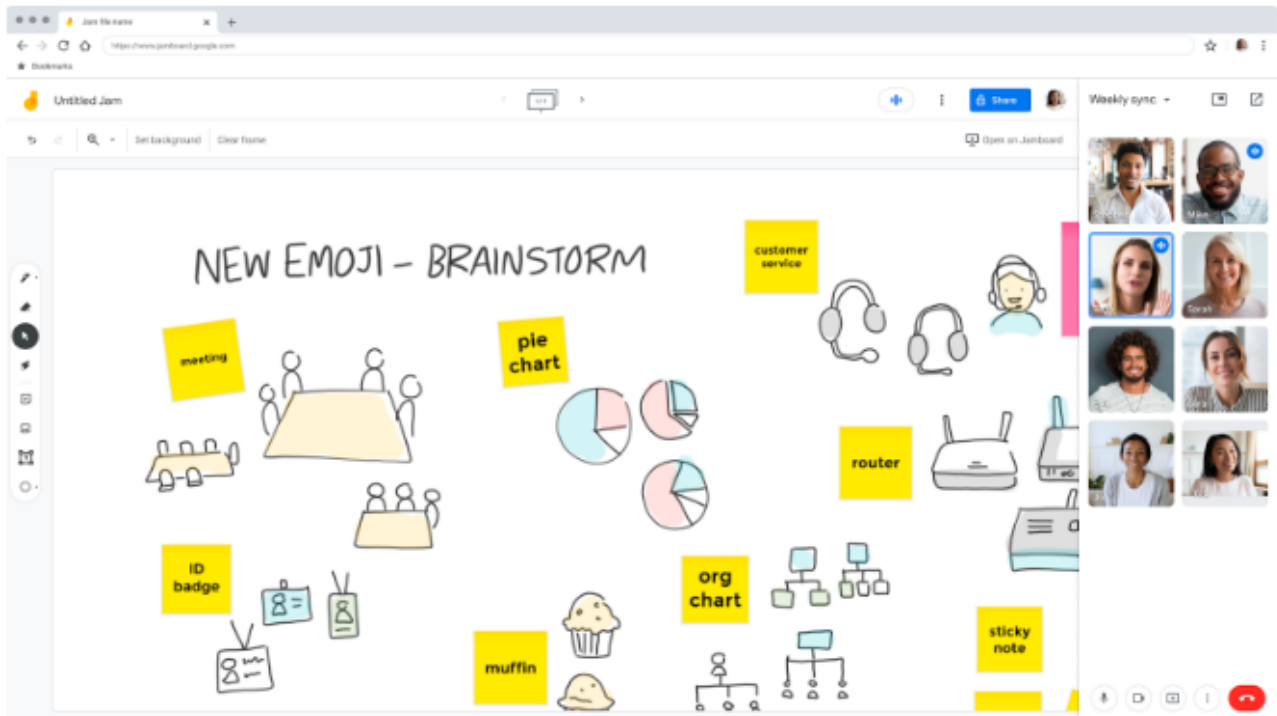


Image Source: <https://workspaceupdates.googleblog.com/2022/10/start-meetings-from-jamboard-on-web.html>

4 When and how to use this tool

● **Preparation:**


It is enough to have a **google account**. You can access the jamboard application from your computer's web browser by going to **jamboard.google.com** or via the mobile application. Teachers can use figma to collect students initial ideas about a climate change subject/scenario. For example, teachers can pose a short scenario about immigration from a town in which agricultural activities effected due to climate change. Then, teacher asks students what to do and request them to post their ideas in Jamboard then discuss those in a whole class discussion session.

● **During application:**

After opening a new jam using a web browser, you can write and draw, add stickers using a mouse or trackpad. By clicking on the insert image button, you can insert a picture taken from your computer, google drive, google images or your webcam.

You can drag and resize text and images and present your jam to a Google Meet video call.

Your work is automatically saved to google drive.

In addition, using the Jamboard mobile app, you can insert Google Drive files, such as files from Google Docs, Sheets, and Slides, on a whiteboard. After create or open a whiteboard, tap expand "+" and then Drive content "  ". Tap a file to add it to the whiteboard.

Teachers can assign different aspects of a selected climate change topic to students or student groups such as economy, environment, social, political aspects of the issue. Then teacher can ask students to collect data about the related aspect of the issue and ask students individually to review all the data gathered in the classroom. Finally students can be asked to write their individual arguments about the given subject.

- ***Follow-up up about what to do after the session:***

When you complete your work, you can share it using the drive link or save it to your device as JPG or PDF. To follow up the learning of climate change, this tool can be used to collect students' own experiences related to climate change subtopics such as climate change and local endangered species.

5 Material needed

To use this tool you need a computer, tablet or mobile phone with internet access. If you are going to use Jamboard interactively with online conferencing, make sure that your students also have electronic devices and regular internet access.

6 Resources

Links:

<https://jamboard.google.com/?pli=1>

What's Jamboard?

[What's Jamboard?](#)

Videos:

“How to Use Jamboard - The Basics”

[How to Use Jamboard - The Basics](#)

“Getting Started with Google Jamboard (Web Version) Tutorial”

[Getting Started with Google Jamboard \(Web Version\) Tutorial](#)



“Adding Jamboard to Teams”

[Adding Jamboard to Teams](#)

“Using Jamboard with Zoom”

[Using Jamboard with Zoom](#)

“Brainstorming - Example Jamboard Activities”

[Brainstorming - Example Jamboard Activities](#)

“Introduction to jamboard app”

https://edu.google.com/intl/ALL_us/for-educators/product-guides/jamboard/?modal_active=video-modal

Papers:

Xu, Z., Zhou, X., Watts, J. *et al.* The effect of student engagement strategies in online instruction for data management skills. *Educ Inf Technol* **28**, 10267–10284 (2023).
<https://doi.org/10.1007/s10639-022-11572-w>

