



HE Teachers and Institutions and Instructional Technology

Digital tools or
tools mediated by technology applications
PollEverywhere

Content





HIIT ACTIVITY TEMPLATE

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1 Introduction to PollEverywhere

This document describes the **PollEverywhere**. The formal website of this tool is <https://www.polleverywhere.com/>

2 Classification

<i>Classification Tag</i>	Mark with an X if applies	Criteria
Technique category	X	Instructional Technology techniques for communication & motivation
		Instructional Technology techniques for critical and lateral thinking
		Instructional Technology techniques problem-solving
		Creative assessment and evaluation techniques
Reference to the STEM areas for which it can be used	X	Needs analysis
	X	Ideation & Concept development
	X	Design & Prototyping
	X	Production
	X	Use
	X	End-of-life
Group or individual activity		Group
	X	Individual
Size of the group you are working with		Up to 15
		15-25
		25+
Type of activity	X	On-line Classroom activity
		Collaborative team setting
		Self-work by students
	X	Half an hour or less





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Duration of the application of the technique		Between half an hour and one hour
		Between one and two hours
		More than 2 hours
Type of class		Theory-based
		Practice-based
	X	Undetermined

3 Description

What is this technique about

Poll Everywhere is a technique for gathering real-time audience feedback during live events, presentations, or online classes. It allows presenters to ask questions and receive responses from the audience using their web-enabled devices, such as smartphones or laptops. The responses are displayed in real-time on the presenter's screen, providing an interactive and engaging way to gather insights, opinions, and feedback. The technique is designed to enhance audience engagement, foster participation, and gather valuable data and insights.

For which purposes is it used (why in your STEM teaching)

Poll Everywhere is commonly used in STEM (Science, Technology, Engineering, Mathematics) teaching for several purposes:

- 1) Engaging students: It provides a more interactive and engaging way for students to participate in class and provides real-time feedback to the instructor;
- 2) Assessing understanding: Polls can be used as quick assessments to gauge student understanding of a topic;
- 3) Fostering participation: It can encourage shy or less confident students to participate and provides equal opportunities for all students to contribute;
- 4) Gathering insights: Polls can be used to gather insights and opinions on specific topics and can provide valuable data for future planning and decision making;
- 5) Improving instruction: It provides immediate feedback to instructors on student understanding, which can be used to adjust instruction and improve the learning experience for students.

4 When and how to use this tool

Here are some tips and tricks for effectively using Poll Everywhere in a learning space:

- 1) **Plan ahead**: Prepare your polls and questions in advance to ensure that they are clear, concise, and relevant to the topic.





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- 2) Make it interactive: Ask open-ended questions and encourage discussion. Encourage participation by offering multiple choice or true/false questions.
- 3) Encourage student engagement: Encourage students to participate by creating polls that are relevant to the subject and allowing them to see the results in real-time.
- 4) Use clear instructions: Provide clear and concise instructions on how to participate in the poll, including how to access it, how to respond, and how to view the results.
- 5) Mix up the questions: Avoid monotony by mixing up the types of questions you ask, such as multiple-choice, open-ended, or true/false.
- 6) Keep it simple: Avoid asking too many questions in one poll and keep the questions simple and straightforward to avoid confusion.
- 7) Analyze the results: Analyze the results of the polls to gather insights and adjust your teaching approach.
- 8) Make it fun: Make the experience enjoyable and fun for students by incorporating humor and lightheartedness.

5 Material needed

N/A

6 Resources

Links:

<https://www.polleverywhere.com/>

Videos:

https://www.youtube.com/watch?v=469WNkd_BqY

Papers:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7093918/>

Books:

Podcasts:

