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Using Google Forms to Enhance Student Learning

NITOP 2020 Teaching SLAM

Diane Alonso, Ph.D., UMBC Psychology

Please Do This: If you have technology (computer, iPhone, iPad, etc.) log on to the following URL:

<https://tinyurl.com/GFStarter> OR **Use this QR Code** ☐

Then, answer the questions and click Submit when you are finished.





DEPARTMENT OF COMPUTER SCIENCE

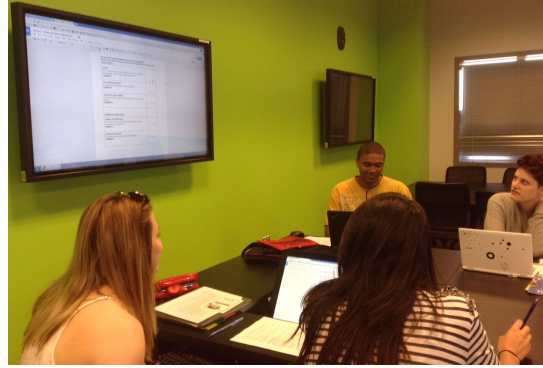


Collect and organize information big and small
with Google Forms. For free.

[Go to Google Forms](#)

To enhance student
learning





- To support active learning:
 - To have students do a short activity and share ideas
 - Individually in class
 - As a group
- To see how well students understand a concept
- To get feedback during class
- To allow students to create their own surveys and collect data
- For homework assignments

- Let's view [Responses](#) to today's Google Form.
- The following are examples (not your data), in case we don't have a good connection here.
- We can use these to help guide this presentation...

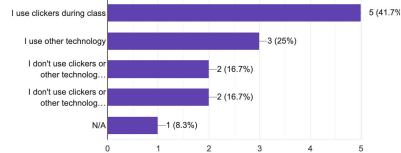
GoogleForms Opener

12 responses

[Publish analytics](#)

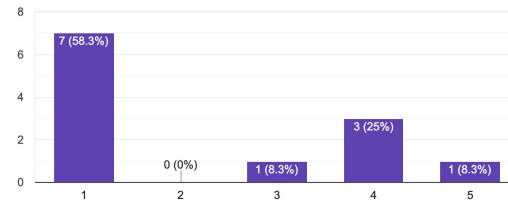
Do you use clickers or any other technology to collect student data during class? [Check all that apply]

12 responses



On a scale of 1-5, how comfortable are you with creating and distributing Google Forms?

12 responses



Questions or Comments

6 responses

I've never used clickers but I'm interested in learning about them.

I'd like to learn more about how to use clickers.

I use clickers (Turning Point) all the time.

I love using clickers but I hate that students have to pay for them.

I try to use clickers but have had lots of problems; they can really disrupt the class.

- We can also view as an Excel-style spreadsheet.

Google Form Starter Questions (Responses) ☆

File Edit View Insert Format Data Tools Form Add-ons Help All changes saved in Drive

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	A	B	C	D
1	Timestamp	Do you use clickers or any other technology to collect student data during class? [Check all that apply]	On a scale of 1-5, how comfortable are you with creating and distributing Google Forms?	Questions or Comments
2	10/21/2019 11:20:31	I use clickers during class, I use other technology	3	I'd like to learn more about how to use clickers.
3	10/21/2019 11:20:54	I don't use clickers or other technology and I am not interested in using any	1	
4	10/21/2019 11:22:19	I don't use clickers or other technology but I would like to use them	1	I've never used clickers but I'm interested in learning about them.
5	10/21/2019 11:22:37	I use clickers during class	5	I use clickers (Turning Point) all the time.
6	10/21/2019 11:22:58	I use clickers during class	4	
7	10/21/2019 11:23:09	I use other technology	4	
8	10/21/2019 11:23:33	I use clickers during class	4	I love using clickers but I hate that students have to pay for them.
9	10/21/2019 11:24:02	I use clickers during class	1	I try to use clickers but have had lots of problems; they can really disrupt the class.
10	10/21/2019 11:24:09	N/A	1	
11	10/21/2019 11:24:19	I don't use clickers or other technology and I am not interested in using any	1	
12	10/21/2019 11:24:26	I don't use clickers or other technology but I would like to use them	1	
13	10/21/2019 11:24:42	I use other technology	1	
14				
15				

- For more information on how to create, distribute, and view the results of the form, refer to your handouts.

Benefits:

- Flexible:
 - Easy to create, share, and use
 - Works on most/all platforms
- Simple and convenient: Great way to display student feedback

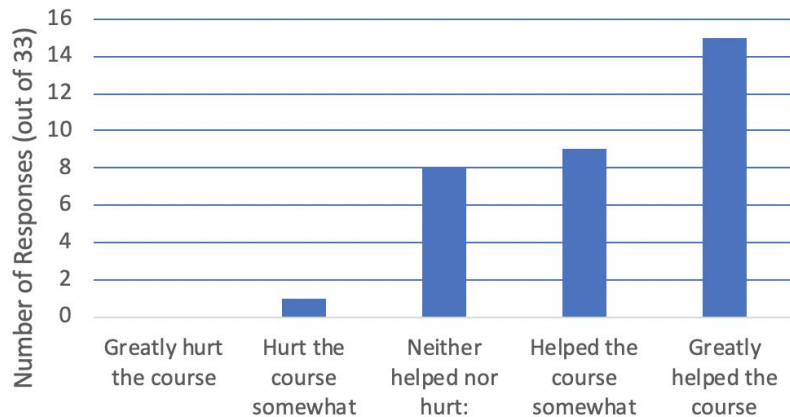
Challenges:

- Limited options for immediate display of data
- Limited variety of question types
- Not embedded in slides
- Requires iPhones, etc. in class (not always welcome)

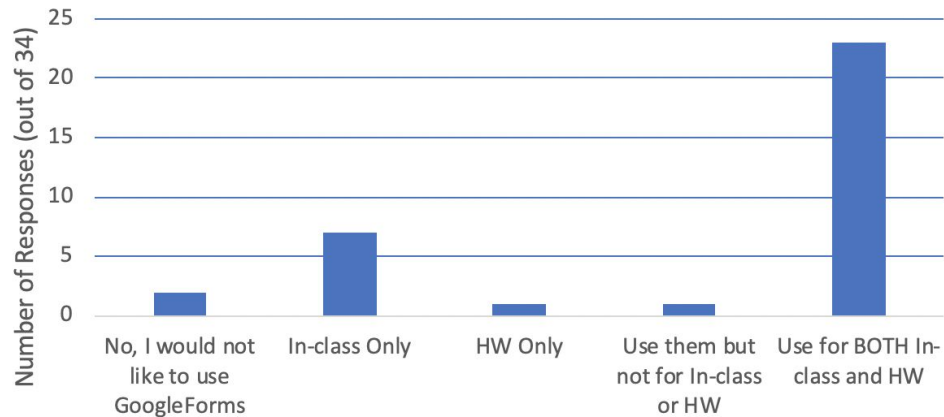
Best Practices

- Use short-named/easy access links (e.g., tinyurl or QR codes)
- Give good feedback on homework and out-of-class assignments.
- Make questions short and to-the point – keep it simple
- Allow enough time

How Did Google Forms Impact the Class?



Would you Recommend Using Google Forms?



Examples of Student Feedback:

"It made me more engaged in class"

"I liked seeing other's opinions to gauge if I was lining up with my peers"

"I feel that using Google Forms made the completion of SPSS assignments easier."

"It helped because the group was able to incorporate the lesson and, share answers with the professor for instant feedback."

"It was a simple and clear way to submit work and to answer questions related to coursework."

"I'm a hands-on person and I enjoy interactive activities. Having said that, I felt it was helpful when we would go over the various responses in class because this helped to clarify the topics."

"The poll questions on certain materials in class helped with highlighting areas where the class was struggling which led to better reviews of the material which in turn helped me with what I was struggling to understand in class."

Final Thoughts

Please feel free to provide feedback
on this session either at the
following URL:

<https://tinyurl.com/GFCloser>

OR Use this QR Code ☐

Thank you!

For more information, please contact:
Diane L. Alonso <dalonso@umbc.edu>

