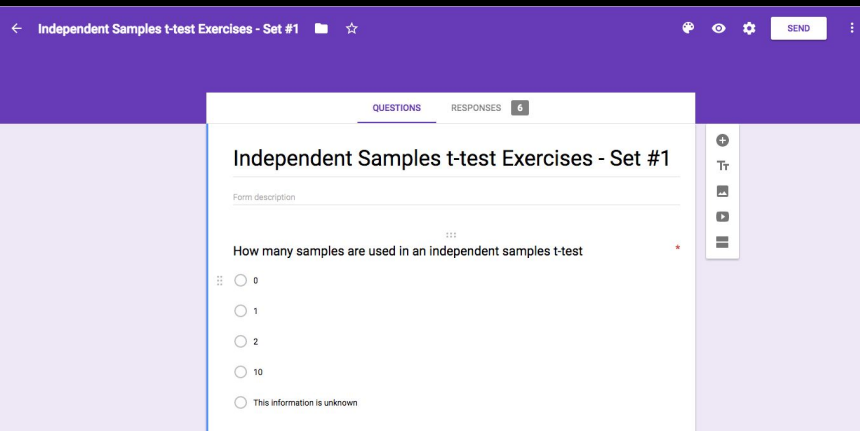


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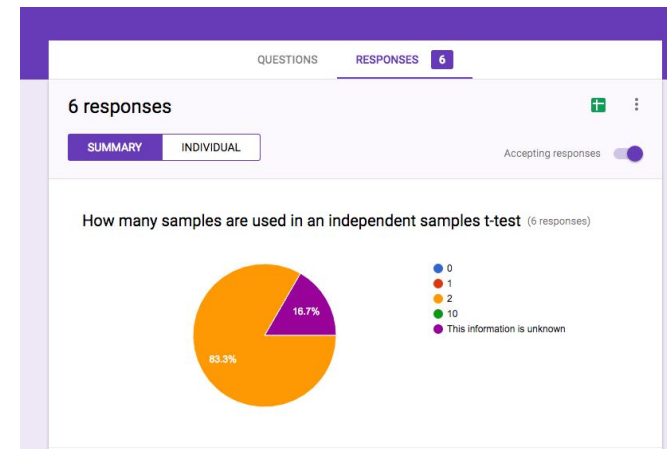
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Using Google Forms to Enhance Student Learning

Diane Alonso, Ph.D.
UMBC Psychology



Try This

- If you have technology (computer, iPhone, iPad, etc.) please log on to the following URL:
<http://tinyurl.com/TechFest2017Start>
- Answer the questions and click Submit when you are finished.
- Let's look at results. We can use these to determine what to cover next...

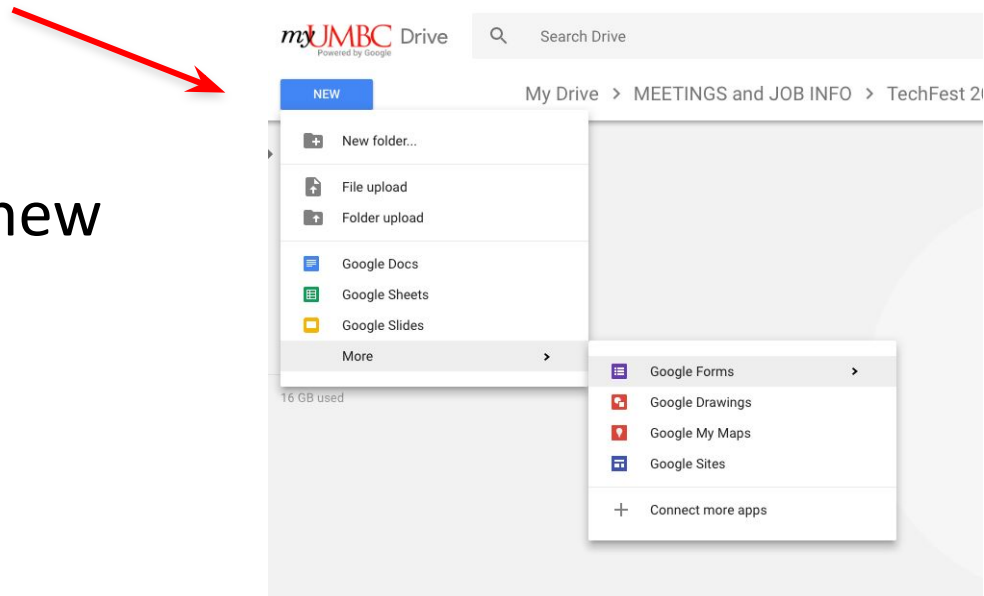
What are Google Forms and how do you access them?

- That was an example of a Google Form that you saw from a user's perspective.
- To create, distribute, and view the results of the form, refer to your handouts as we work through an example.
 - How much detail we go into will depend, at least in part, on the results from the survey everyone just took.

How To Create a Google Form: Where to start

- Go to the URL: drive.google.com
- Log on using your UMBC logon
- Click on the “New” button, then scroll down to the “Google Forms” link.

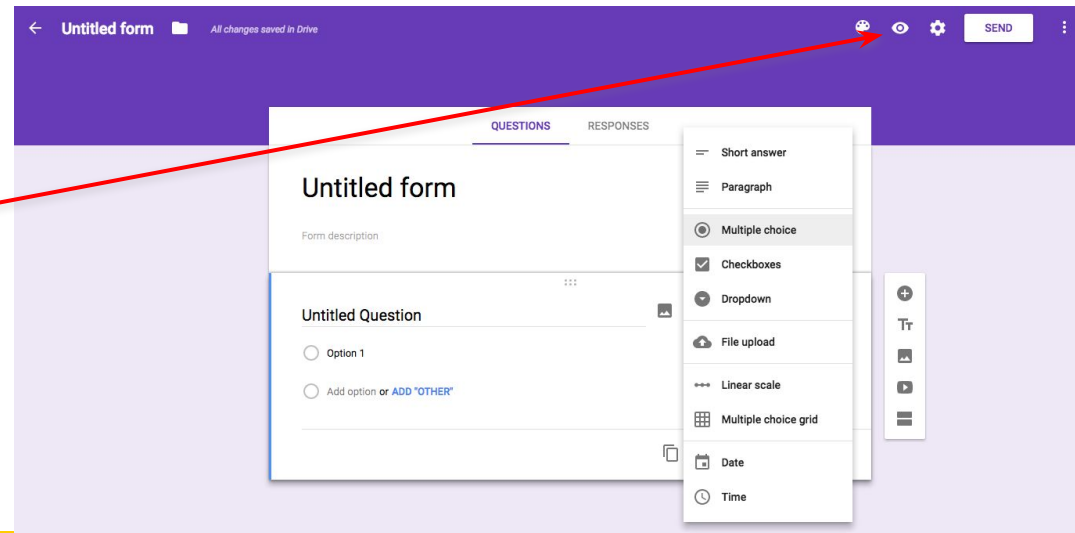
- This will bring up a new Google Form



How to Create a Google Form: Making the form

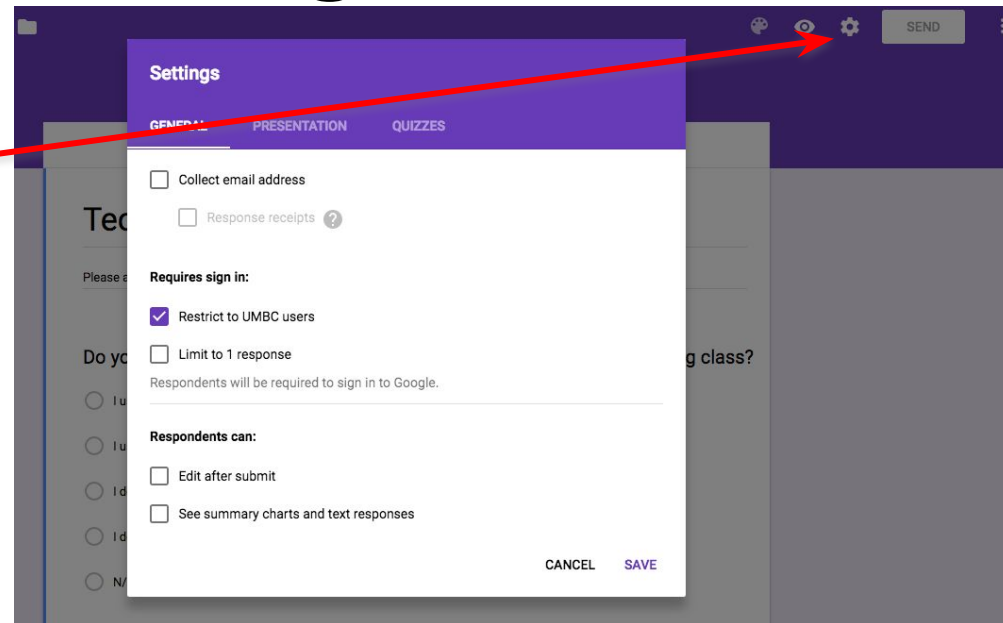
- Enter the information you want to have in the form.
- There are several different types of questions you can create.
- Let's work through an example.

- *Note that you can toggle between Edit mode and Preview mode*



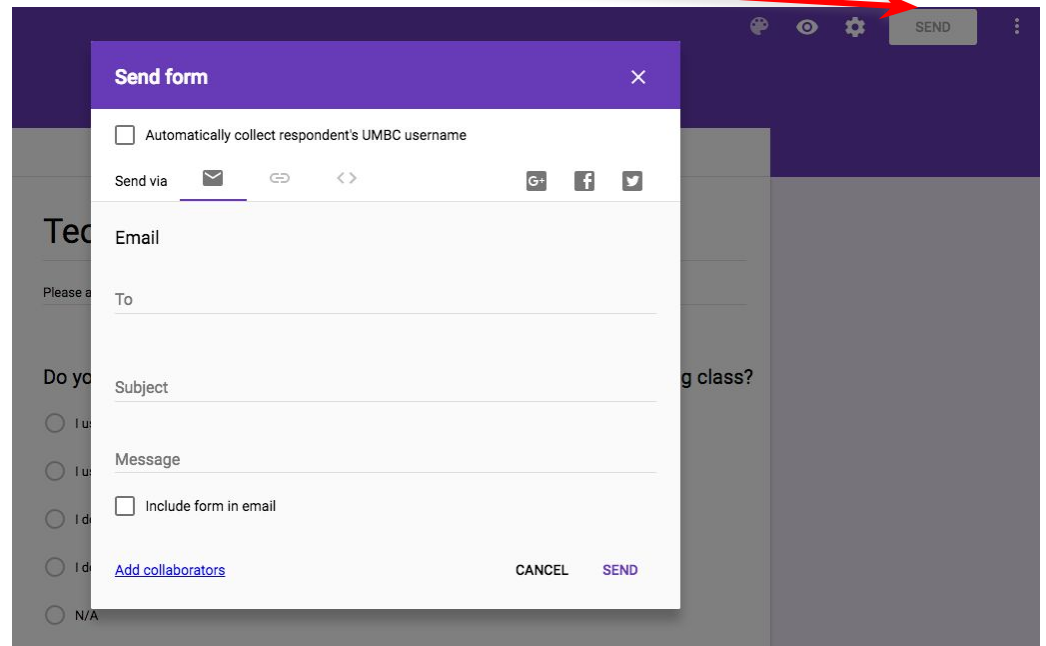
How to Create a Google Form: Other Settings

- By clicking on the “Settings” link, you can set some parameters for the form, including:
 - Who can sign in
 - How respondents can sign in
 - What respondents see and the order in which they can view the questions
 - Options for making this into a quiz



How To Distribute a Google Form

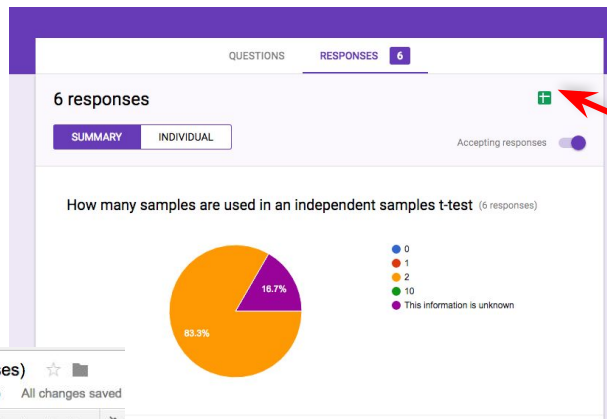
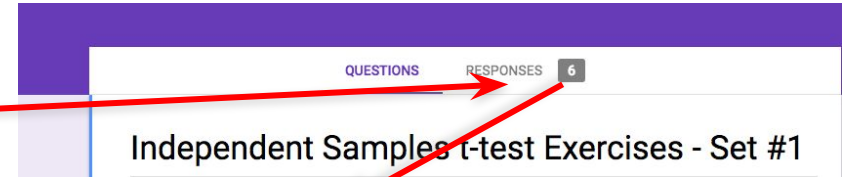
- There are several different ways to do this but to start, click on the “Send” button at the top right of the form you are currently creating:
- This will bring up the “Send form” box with options. You can:
 - Email
 - Create a shareable link
 - Get the HTML info



- You can also use Google+, Facebook, or Twitter.

How To Display Responses

1. Just click on "Responses"
2. That brings up the output



3. You can also view the file as an Excel file (useful for grading) by clicking on the spreadsheet icon

	A	B	C
1	Timestamp	How many samples are used in Independent Samples t-test?	Which of the following are legitimate ways of stating the null hypothesis for Independent Samples t-test?
2	11/2/2016 10:55:51		2 Both 3 and 4
3	11/2/2016 10:56:29	This information is unknown	1, 2, 3, and 4
4	11/2/2016 10:56:42		2 H0: $\mu_1 - \mu_2 = 0$
5	11/2/2016 10:56:42		2 H0: $\mu_1 - \mu_2 = 0$
6	11/2/2016 10:57:01		2 Both 3 and 4
7	11/2/2016 10:57:16		2 Both 3 and 4
8			

How and why to use Google Forms

- To support active learning
 - To have students do a short activity and share ideas
 - Individually
 - As a group
- To get a reading of how well students understand a concept
- To solicit feedback in the middle of class
- Students can use them to create their own surveys and collect data
- For homework assignments
- Other? Your thoughts...
- An example

What are some benefits?

Google Forms:

- Are easy to create/share/distribute
- Are a simple and convenient way to display student feedback
- Are easy for students to use
- Work on all platforms (computers, iPhones, iPads, and other platforms)
- Other? Your thoughts...

What are some challenges?

Google Forms:

- Display quantitative data as a pie chart – limited options for display (there are workarounds)
- Offer a somewhat limited variety of question types
- Other? Your thoughts...

Let's try it out

- Go to your Google Drive (drive.google.com)
- If you are not already logged in on your device, log on using your UMBC (gmail) account
 - Students, faculty, and staff all have free Google accounts
- Create a Google Form (see handouts)
- “Distribute” the form (make the link available)
 - For the purposes of this very short workshop, you can send your form to me and I can display and/or distribute later. 😊

Final Thoughts

- Please provide feedback on this session via **the posted QR code**. Make sure to show confirmation screen to get a ticket.
- You can *also* send **me** feedback via the Google Form:
<http://tinyurl.com/TechFest2017Feedback>

Thank you!

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