



Monday 9/29 • Hello to everyone in the GD course! Hope you had a good first week. We begin Lesson 2 with the SHARING concept again, but this time with folders!

Last week, you made four documents and changed the sharing specs on each one so that sbergen33@gmail.com could edit and so that larrybirddoll@gmail.com could view only and comment. This involved you go to the SHARING SPECS on four different occasions.

I have tried to alter all or most of your documents turned in so you can see how they appear from the two people (LB and me).

This week, I would like to get you going with folders and the efficiency of working with them.

Here is the overview. You can create a folder in your Google Drive called "HW Portfolio for Steve from ????" using your name of course. You can program the specs of that folder to be sbergen33@gmail.com can edit and larrybirddoll@gmail.com can view only. Then when you drag or move any files into that folder that had no previous sharing specs, they inherit those sharing specs.

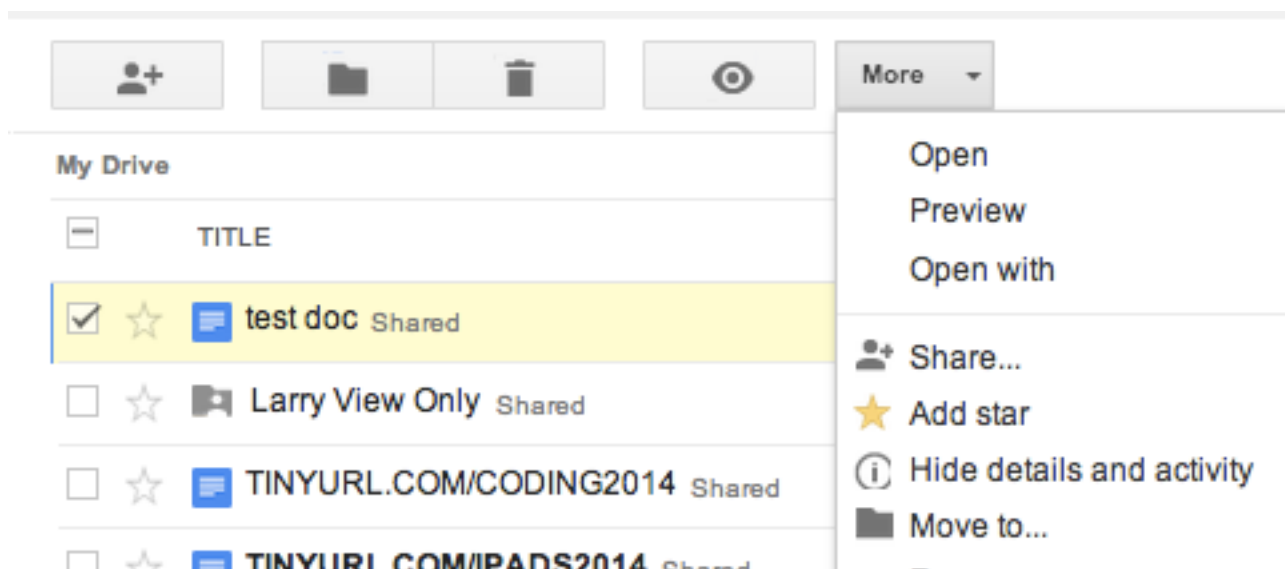
Got it? See the advantage? You can get this done right now and share it right now even though it will be a few days before you put any files into it. We will call this HW 2.1, our first assignment of Lesson 2.

HW 2.1 Create a folder called HW Portfolio for Steve from ??? using your name of course. Move the four files done from Lesson 1 into this folder. Change the specs of this folder to be sbergen33@gmail.com can EDIT and larrybirddoll@gmail.com can VIEW.

From now on, many assigned files will get dragged into this folder. You can physically drag the files into the folder or you can CLICK THE CHECK MARK and then choose MORE up top and choose MOVE TO.

One caveat is that you cannot configure a folder to be COMMENT only. That has to be done for individual documents.

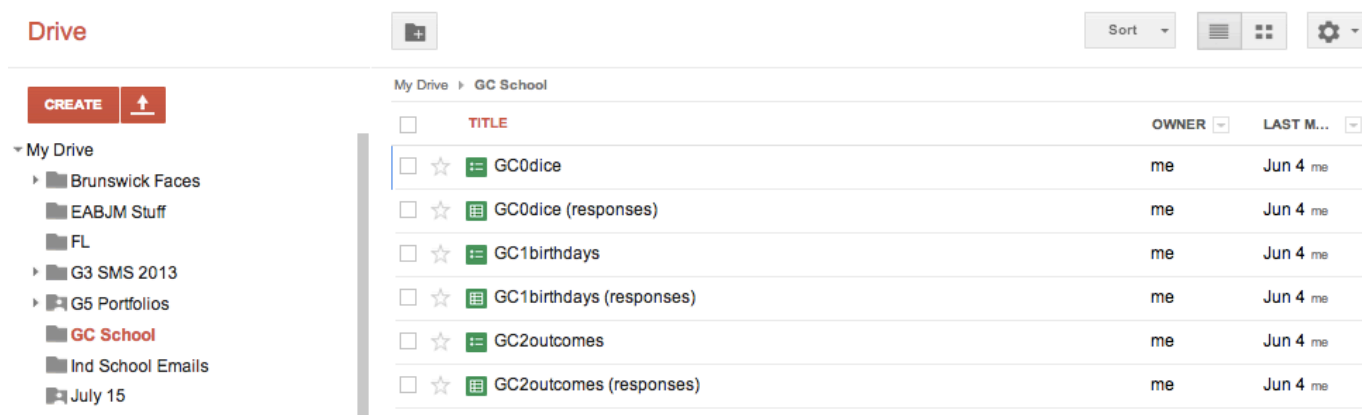
Also note that GD on the iPad is a different creature than GD on a Mac or PC. There are many things you cannot accomplish with GD on the iPad, so beware! This course assumes most of our work will be on laptop or desktop!



Perhaps we want a third person to have EDIT ability or a fourth person to have VIEW ability. You do not need to go to each of the separate documents but just change the specs of the enclosing folder called "HW for Steve from ????" and this changes automatically and automatically all of the documents inside.

So you make a folder using the CREATE button. You drag files into that folder or you can use the action button called MORE and the subchoice of MOVE.

In the picture below, you are looking at a GD folder called GC School that contains 6 files. If I access the SHARING SPECS of the GC folder by either right-mousing (PC) or ctrl-clicking (MAC) on that folder, I can change the specs of that enclosing folder and that affects all 6 of the inside files plus any more that get dragged in!

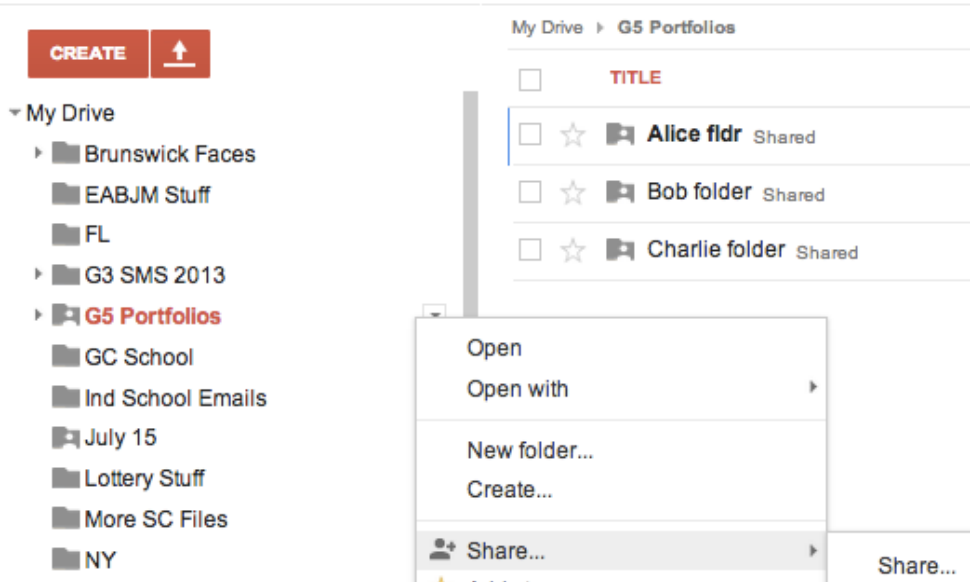


Using folders by the way you can create PORTFOLIOS for your students. It is much better for you as the teacher to create the folders and give each edit access. You will



find many more hassles if you student create their own portfolios and give you access.

In this next example, you will see that I have a folder called G5 Portfolios that contains separate folders for each child in the class. Notice that you can also use the triangle tab next to G5 Portfolios to access sharing. The key idea is that changing the specs of the "parent folder" called G5 Portfolios changes all the specs of the enclosed items sometimes called the "children files." The metaphor is a good one. The folder is the parent and all the files inside are the children. The SHARING SPECS of the parent folder if they exist automatically apply to the individual children files inside which have not had previous specs. This is a powerful computer concept and important GD feature.



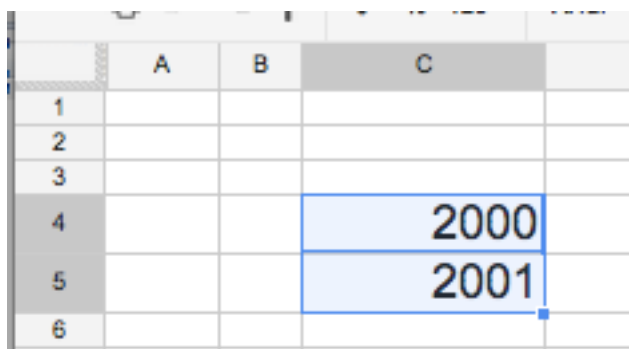
NOTE: starting this week 9/29, I will be tagging less important assignments to be **OPTIONAL** so as to reduce the time stress on you. This course is intended to be "stress free" and I really want your work per week to be close to 2 hours, not 4-6. So the **OPTIONAL** assignments are "above and beyond" -- no guilt please!

Second topic: more on spreadsheets

Let us go a step further with spreadsheets and calculate 7% interest on \$100 deposited in a bank in the year 2000. My intention is to extend your spreadsheet skills in each of the lessons. Let me know if you have a lot of spreadsheet skills and I will do more for you one on one each time we have our 30 minute conversation.

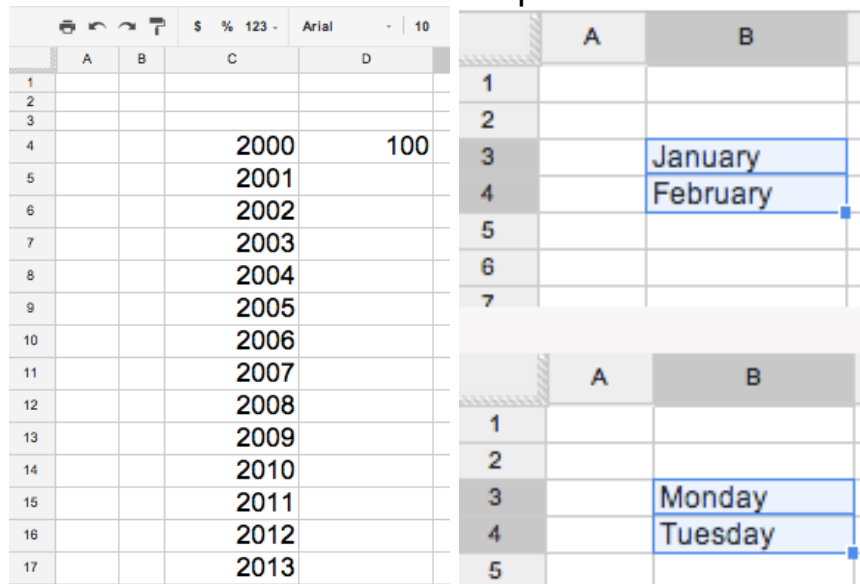
First skill for this week is called "dragging down with the **magic + sign**."

I type in 2000 and then 2001. I highlight both and then move to the bottom right corner of the blue and watch the arrow turn into a **magic + sign** and drag down. Remember that you need to highlight both and wait until you get the + before you drag down.



	A	B	C
1			
2			
3			
4			2000
5			2001
6			

So that gives us the screen below and we now put 100 into the cell next to 2000.



	A	B	C	D
1				
2				
3				
4			2000	100
5			2001	
6			2002	
7			2003	
8			2004	
9			2005	
10			2006	
11			2007	
12			2008	
13			2009	
14			2010	
15			2011	
16			2012	
17			2013	

	A	B
1		
2		
3		January
4		February
5		
6		
7		

	A	B
1		
2		
3		Monday
4		Tuesday
5		

Note that there is a big difference between highlighting C4 and C5 and getting the **magic + sign** or just highlighting C4 alone. If you do just C4 you will get the "2000" replicated. Also note that if you do the same with days of the weeks or months of the year, you can get the magic of generating all of them easily with the **magic + sign**.



If you highlight the 100 and click on \$ in the toolbar, you can make it look like money. More importantly, we add our next formula. Last week it was something like =SUM(C4:C10) but this week it is a formula that will add 7% to what is currently in cell D4. One way to do this is to take .07 times D4 and add to D4. This yields

$$=D4+(D4*.07)$$

The other way is just to multiply D4 by 1.07 to get

$$=D4*1.07$$

Either way, we get 107 in cell D5. We now click D5 (just the ONE cell D5) and drag down to get our final result after we use the \$ icon to format all of them as money.

	A	B	C	D
1				
2				
3				
4			2000	\$100.00
5			2001	\$107.00
6			2002	\$114.49
7			2003	\$122.50
8			2004	\$131.08
9			2005	\$140.26
10			2006	\$150.07
11			2007	\$160.58
12			2008	\$171.82
13			2009	\$183.85
14			2010	\$196.72
15			2011	\$210.49
16			2012	\$225.22
17			2013	\$240.98
18				

Got it? I hope so but the supporting video will give you more info as well as insights into the spreadsheet homework problem of the week.



- Calculating Interest Rates and Inline vs. Wrap Graphics (8 minutes)

<http://youtu.be/C5S8RFyaA8Y> **HW2.2 Required Video**

This video demonstrates the interest rate as described on the previous page and challenges you for HW to calculate what happens at various percentages. This video also teaches you about wrap around vs. inline regarding graphics.

HW 2.3 After watching the above video, create a new GD spreadsheet called **Lesson 2 Money Your Name Sept 29** in which you need to generate columns for various interest rates. Keep your eye on how many years it takes the money to double. Even better you might color code the cell when it reaches \$200 in each column. The video says to do just through 10%

OPTIONAL

I would love 3 more columns for 12%, 18%, 24% and you will understand why when I point out the pattern in lesson 3.

This file gets dragged into your folder called HW Portfolio for Steve from ??? and it will automatically get the correct specs.

	A	B	C	D	E	F	G	H	I	J
1										
2		at 7%	at 2%	at 3%	at 4%	at 5%	at 6%	at 8%	at 9%	at 10%
3	2000	\$100.00	\$100.00	\$100.00	\$100.00					
4	2001	\$107.00			\$104					
5	2002	\$114.49			\$108.16					
6	2003	\$122.50			\$112.4864					
7	2004	\$131.08			\$116.9858					
8	2005	\$140.26			\$121.6652					
9	2006	\$150.07			\$126.5319					
10	2007	\$160.58			\$131.5931					
11	2008	\$171.82			\$136.8569					
12	2009	\$183.85			\$142.3311					
13	2010	\$196.72			\$148.0244					
14	2011	\$210.49			\$153.9454					
15	2012	\$225.22			\$160.1032					
16	2013	\$240.98			\$166.5073					
17										
18										

OPTIONAL HW 2.4

Go to the web page of

<http://www.educatorstechnology.com/2013/12/100-important-google-drive-tips-for.html>

and browse/peruse the article as you like. More importantly copy and paste a portion of it into a new GD WP document which will be called **Lesson 2 Article John Doe April 7**. I also made a TINYURL of the article for you with

<http://tinyurl.com/GDarticle1> as the web address.



Now go to our Class Collaborative Doc which is linked from our <http://teachingcompany.com/f14> webpage and you will see pictures of the people in our class. I want you to make screen snapshots of any four of the individual faces and add them to this WP file. Two of them need to be included as INLINE and two of them need to be WRAP. It is important to know these two styles of graphics. This file gets dragged into your folder called HW Portfolio for Steve from ??? and it will automatically get the correct specs.

The 10 minute [optional video](http://youtu.be/ODTyohGjE5Q) at <http://youtu.be/ODTyohGjE5Q> gives you an exact demonstration of how to do this assignment. *Sorry about the occasional scratchy noises in this video -- I had some tech frustrations with my microphone on this one.*

If you do not know about screen snapshots, you can either learn from the webpage (excerpted below) that I have at <http://teachingcompany.com/tips> or I can teach you one on one during our 30 minute session.

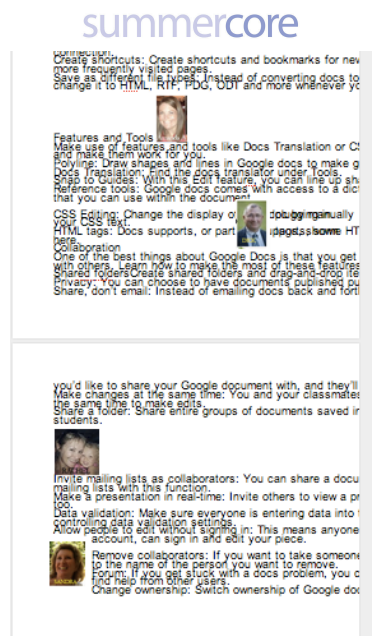
Special Tip#1: How to Take a Screen Snapshot (MAC) [video](#)

Use command shift 4 to invoke the cross-hair that looks like a + sign. Now drag from the top left to the bottom right marking a rectangle around the area you are trying to capture. This creates a file on your Mac Desktop with a funky name such as Screen Shot 2013.png. You can now check this file and of course rename it by using the mouse to click with the cursor and edit the name.

Special Tip#2: How to Take a Screen Snapshot (PC) [video](#)

Find the button on your keyboard that says PRINT SCREEN. It might be abbreviated as PR SC and it might require by virtue of its color that you hold down CTRL or FUNCTION or ALT. Anyway, this button all by itself takes the screen snapshot but it does not create a file. It puts a copy of the screen into the RAM chip of the computer as if you had pressed CTRL-C. Now you need to go to some application and paste with CTRL-V. One common place to go is to the application within ACCESSORIES called PAINT. Another common place is Microsoft Word. In either case, you choose PASTE or CTRL-V and you will have the screen shot in front of you and you can SAVE it. One advantage of PAINT is that you can CROP it.

Here is a miniature picture of what HW 2.4 will look like when done



Next topic for Lesson 2. HW 2.5 Let us use Flippity (another of the many GD add-ons and GD associated apps) to create flip cards on something from your curriculum. Here is a three minute video at <http://youtu.be/nrXYb8GjnI0> showing you how it works.

Step 1: Get the template from the Flippity company by going to <http://flippity.net> -- note that it is .net and that STEP 1 on this webpage says

- Make a copy of [this template](#). (Sign-in, click **File**, then **Make a copy...**)

Step 2: After choosing MAKE A COPY then I want you to put in flashcards questions and answers from one topic in your curriculum. Do not modify the top row of template where it says SIDE 1 and Side 2. At the bottom of the spreadsheet where it says Sheet 1, change that (via right mouse click on the PC or control click on the Mac or use the triangle to RENAME) to something descriptive such as Binary Flash Cards by Mr. Bergen.



summercore

	A	B
1	Side 1	Side 2
2	33	100001
3	14	1110
4	5	101

The right side of the image shows a preview of the generated flash cards, displaying the numbers 25, 26, and 27 on the left and the corresponding binary values on the right.

Step 2: Choose the GD feature under the FILE menu (tenth choice down in picture on left below) called Publish to the Web and COPY the link that is generated (see picture on right below)

The left side shows the 'File' menu with 'Publish to the web' as the tenth option from the top. The right side shows the 'Publish to the web' dialog box with the following settings:

- Publish to the web**
- Sheets to publish:** All sheets
- ☒ Automatically republish when changes are made
- Buttons: Stop publishing, Republish now
- Published on Jan 19, 2014, 8:02 AM
- Note:** Publishing a doc does not affect its visibility option. [Learn more](#)
- Get a link to the published data:** Web page
- Sheets to publish:** All sheets
- Cells:** All cells
- Link:** <https://docs.google.com/spreadsheets/pub?key=0AtWdqKPH-fPKdGFLdkJtWG11ZmFuanJkS3dmaj1oM0E&output=html>
- Copy and paste the link above

Step 3: go to Flippity.net and paste in the link that you copied. Your flash cards are now generated and you get a link and/or QR code that you can give to others. For the purpose of our course, I would like you to make the link into an easy one with TINYURL.COM if you can pull that off.

Here is how the flip cards work when generated. I have added the words in red since the icons are not obvious to me.



HW 2.5 After watching the above video, create a two column spreadsheet with a minimum of five flashcards using template you get from the flippity.net webpage. Make a set of flashcards, then choose PUBLISH and get the URL (web address) of your created deck of flashcards.

OPTIONAL:

Create a new GD Presentation document which will be called **Lesson 2 Flippity Jane Doe Sept 29** and include the URL into the text so that I can quiz myself on your topic. If you can do it as an option, please include the QR Code graphic and make the URL into a TINYURL. Move this file into your folder called HW Portfolio for Steve from ??? and it will automatically get the correct specs.

Reminder that Lesson 1 had an optional instructional video on using TINYURL.COM which you need this week -- <http://tinyurl.com/tinyurl33> (11 minutes).

If you don't know anything about QR codes, here is an optional video at <http://youtu.be/Qm5OsJ8nsj4> (5 minutes).

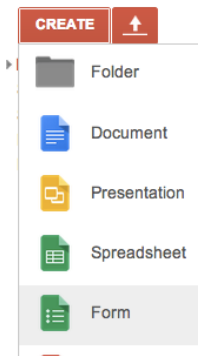
One of many websites for making QR codes is at the <https://www.the-qrcode-generator.com> webpage.

Next Topic: The next part involves creating a form or survey using the **FORM** module of GD that we have ignored in previous weeks.

Required HW 2.45

Go to the survey form at <http://tinyurl.com/Lesson2GD> and answer the 5 questions. This is easy to do since you may know my favorite number is 33 and that is the answer to the four questions after your name ;-)

Notice that FORM was one of the CREATE options that we left out in the first week.



The FORM module of GD is a unique, innovative component that allows you to build a survey with many types of questions. The responses from each person who completes the survey flow into a GD spreadsheet. Forms can be used professionally to gather info from adults, parents or students. They can also be used to prep for test or exams. The GD add-on called Flubaroo lets you do automatic grading. We will get to Flubaroo -- I promise -- in future weeks!

Here are samples created by two of the people who took this course last year.

<http://tinyurl.com/GDexample1> and <http://tinyurl.com/GDexample2>

Once you create a FORM, you will be entering a series of questions to be in your survey. These can be quiz questions for students or info questions to faculty colleagues, parents or community members. The users answer your questions and the results flow into a spreadsheet on Google Drive called Responses.

Here are the two required videos I have made for you on FORMS.

Google Forms Part I (16 min) <http://youtu.be/eZeSeaTbeSw>

Google Forms Part II (8 min) http://youtu.be/XLisPLZd_Zo

The first thing you decide is the title of your FORM and what colorful template you want to use. Don't forget to choose APPLY after you choose the template.

Choose title and theme

Title

Theme: Default



OPTIONAL: If it appeals to you, you can modify any template and customize it. You can choose your own picture for the header and can change colors and fonts as you see below.

Google Docs & Drive

All lessons stored at <http://teachingcompany.com/f14>

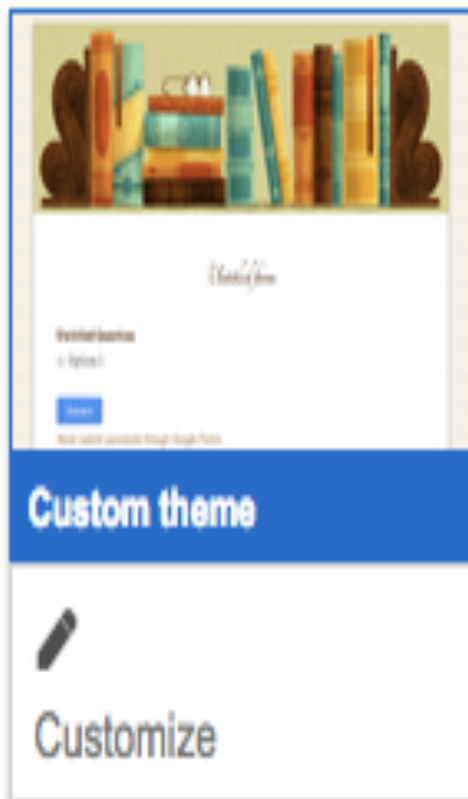


Lesson 2 page 13 • 9/29

Shared doc at <http://tinyurl.com/f14gdgd>

summercore

In this form



Change theme

◀ Back to default themes

Header image

Change image...

Remove

☒ Fit to width

Title

Description

Question

Help text

Options

Roboto Slab

↑T

A

Form background

Page background



summercore

You can choose from these data types for each question.

Text	Form Description																		
Paragraph text	<table border="1"> <thead> <tr> <th>BASIC</th> <th>ADVANCED</th> <th>LAYOUT</th> </tr> </thead> <tbody> <tr> <td>ABC Text</td> <td>Scale</td> <td>Section header</td> </tr> <tr> <td>Paragraph text</td> <td>Grid</td> <td>Page break</td> </tr> <tr> <td>Multiple choice</td> <td>Date</td> <td>Image</td> </tr> <tr> <td>Checkboxes</td> <td>Time</td> <td>Video</td> </tr> <tr> <td>Choose from a list</td> <td></td> <td></td> </tr> </tbody> </table>	BASIC	ADVANCED	LAYOUT	ABC Text	Scale	Section header	Paragraph text	Grid	Page break	Multiple choice	Date	Image	Checkboxes	Time	Video	Choose from a list		
BASIC	ADVANCED	LAYOUT																	
ABC Text	Scale	Section header																	
Paragraph text	Grid	Page break																	
Multiple choice	Date	Image																	
Checkboxes	Time	Video																	
Choose from a list																			
Multiple choice																			
Checkboxes																			
Choose from a list																			
Scale																			
Grid																			
Date																			
Time																			

Text = short text, e.g. name

Paragraph = longer text

Multiple choice and Choose from a List require the user to choose 1 out of many

Checkboxes is unique! It allows the user to more than one out of a list of choices

Scale allows the user to choose a number from 1 to what you specify

Grid gives you a matrix of rows and columns with circles to fill in

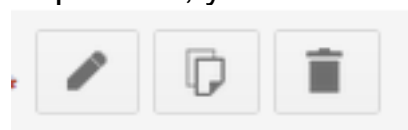
Image and Video allow you to enhance your survey with pictures and videos.

Each time you enter a question, you choose

Add item ▼

and you can add one more.

Each time you add a question, you will see this icon on the right



The left icon (pencil) means EDIT.

The center icon means DUPLICATE so that you can make question 7 resemble question 6 without having to retype everything for example.

The right icon means DELETE this question.



One data type is the paragraph. Anything you put into the HELP TEXT will be italicized when the user sees it.

Question Title	Please use quality English to describe the difference between a rational and ir
Help Text	Please have at least 3 sentences. Please give an example or two.
Question Type	Paragraph text ▾
<div>Their longer answer</div>	

Another data type is TEXT and it refers to short info, perhaps 2 or 3 words.

The * means the operator is required to enter something and cannot leave it blank.

This type of action is called DATA VALIDATION since the user will get a red error message if he/she tries to leave it blank.

OPTIONAL: If you are a relative beginner, please ignore DATA VALIDATION in this PDF. If you are already experienced with FORMS, I have given you a bonus challenge at the end of this lesson.

Fraction Survey Quiz

Form Description

What is your first name? *



This next picture shows the data type called CHECKBOX and it allows the user to specify more than one item. Below I am using it to allow the student to choose 2 of the 3 answers.

Question Title: Which are rational numbers?

Help Text: A rational number is one that can be put into a fraction a/b with integers a & b

Question Type: Checkboxes

- ☐ 3.14
- ☐ 22/7
- ☐ π

Here I am using it to allow the user to choice multiple items for a burger. This CHECKBOX option is the only one of the Google data types that allows the user to indicate multiple items.

Question Title: What do you want on your burger?

Help Text:

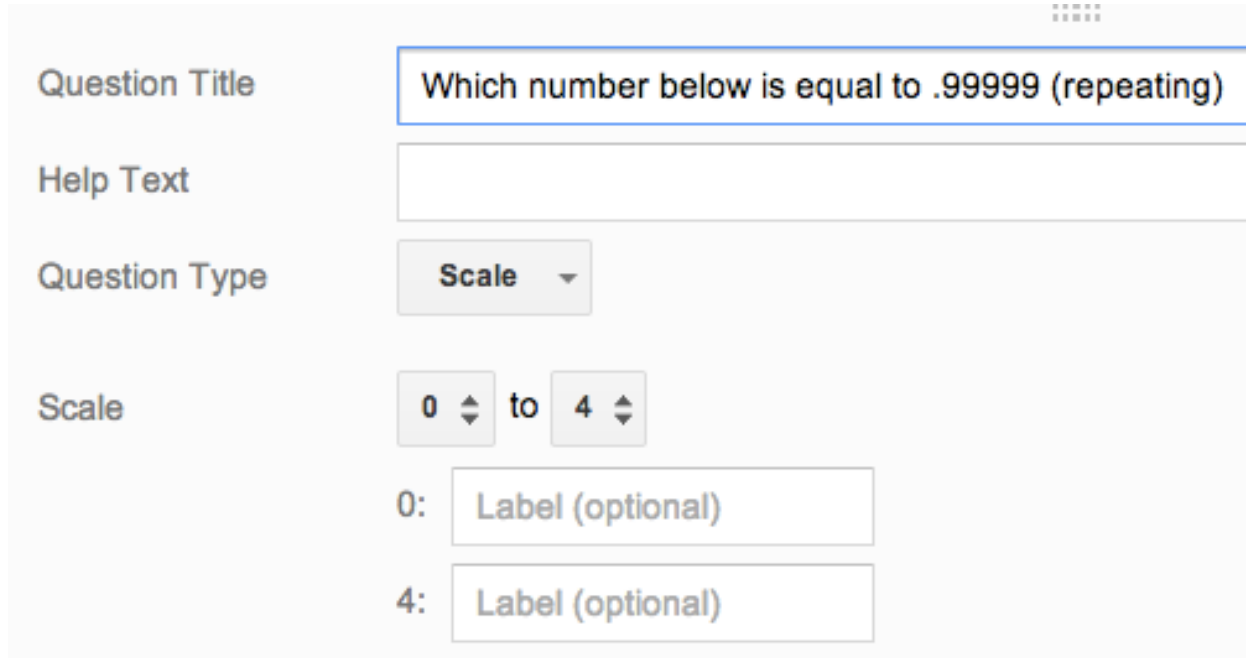
Question Type: Checkboxes

- ☐ ketchup
- ☐ lettuce
- ☐ tomato
- ☐ onions

What do you want on your burger?

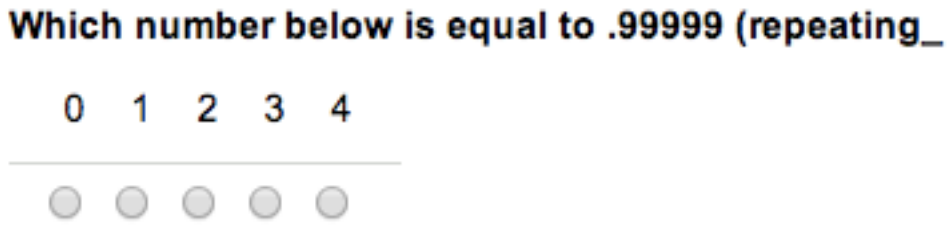
- ☒ ketchup
- ☐ lettuce
- ☒ tomato
- ☒ onions

This next picture is the SCALE type



The screenshot shows the Google Forms editor interface for a SCALE question. The 'Question Title' field contains the text 'Which number below is equal to .99999 (repeating)'. The 'Question Type' dropdown is set to 'Scale'. The 'Scale' section shows a range from 0 to 4, with '0' and '4' having up/down arrows. Below the range, there are two input fields for labels: '0: Label (optional)' and '4: Label (optional)'.

and results in



The screenshot shows the rendered Google Form. The question title is 'Which number below is equal to .99999 (repeating_'. Below the title, the numbers 0, 1, 2, 3, and 4 are displayed. Under each number is a radio button for selection.

The scale can go up to 10 and not 33. How sad. Maybe the Google people will revise it to go up to 33 in their next update ;-)



The GRID type results in a clever rectangle of choices where you control the row and column headings. Using the GRID is optional for this week's assignment.

Classify each number as rational or irrational *

	Rational	Irrational	Not sure
1/3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.232323	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$\pi / 2$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.2323 (repeating)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OPTIONAL: One of the newest features is called DATA VALIDATION and this means you can give error messages (in red) to the user if the answer does not meet certain criteria.

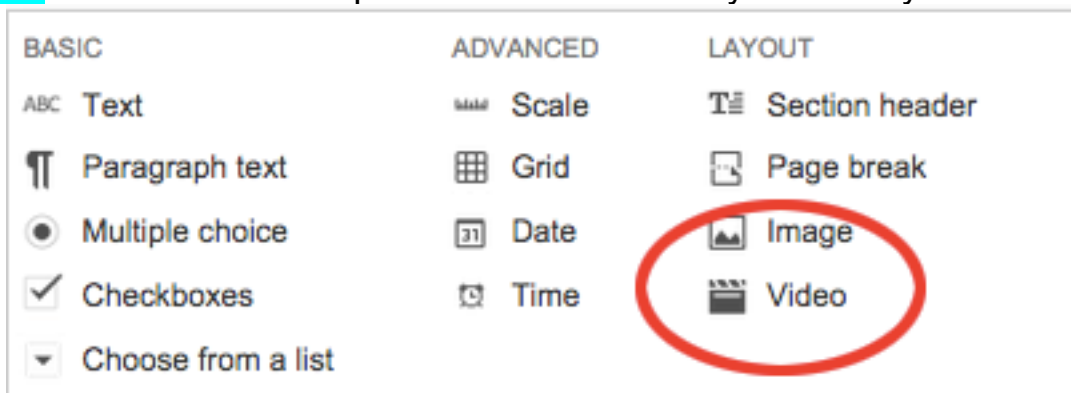
▼ Data validation

☒ Regular expression ▼

By the way, there are now programs and add-ons that will do automatic grading of answers on a Google spreadsheet. One of them is called FLUBAROO (<http://flubaroo.com>) and one is called DOCTOPUS (many links including <http://ipadsandbox.wikispaces.com/file/view/jlGoogleDoctopus.pdf>). There is also a program called GOOBRIC that adds rubric features to Doctopus. If this topic interests you, I would love to help you individually or later in the course. The grading works by having the teacher submit a form with the correct answers and the computer then compares each student's entries with the correct answers. Obviously, multiple choice and short answer questions work best.



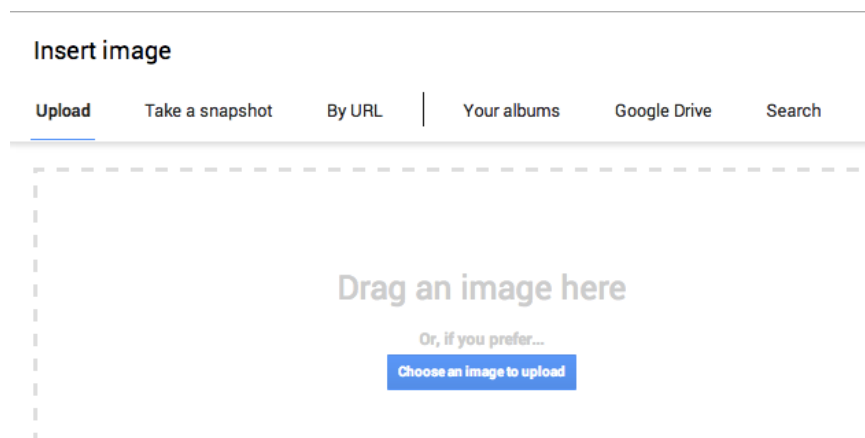
OPTIONAL: You can also add pictures and videos to your survey form!



This choice leads to many powerful uses with our students?

Why? Because you can show them a picture right there in the survey form and then ask them to reflect on in subsequent questions.

Here are the choices when you add an image. Notice how flexible it is, allowing you to take pictures from your GD account, from any URL if you know it or SEARCH by topic or keyword.



When you insert a video, you get fewer choices but the one called VIDEO SEARCH allows you specify a topic and it find videos of that type.

Insert Video

Video search

URL





Type your search in the box above to find videos.

Where do the results of a survey form go? They go into a spreadsheet where all the info is organized in rows and columns. In other words, as several people take your survey called perhaps MR PIP QUIZ pg 124-136, a brand new file

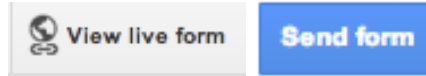
Mr Pip Quiz pg. 124-36 (Responses) ☆								
File Edit View Insert Format Data Tools Form Help All changes saved in Drive								
fx \$ % 123 - Arial - 10 - B I A - [Grid Icons] [List Icons] [Filter Icons]								
	A	B	C	D	E	F	G	H
1	Timestamp	Your Name & block number	In this sentence--"We prepared ourselves to listen out for any hard-done-by note to slip into his voice"--what does "hard-done-by" mean?	What is the "word spoken for [her] ears only" that takes Matilda into a "room that no one else knew about"?	According to Matilda, the loss of their houses helped them understand, what?	How will the class retrieve "Great Expectations"?	Identify the number of fragments written down in Mr. Watts' book	Please give the date and time when you finish this quiz
2	4/13/2014 16:44:15	Jane Doe	dsffdssdf	Imagination	Houses keep safe more than possession	By going into their houses	3	4/13/2014 1:00:00
3	4/13/2014 14:54:49	Steve B	hard done by means that Larry Bird played the game well!	Imagination	the value of privacy	By going into their houses	3	7/13/2014 14:53:00
4	4/19/2014 10:20:44	Doug 7	I'm afraid that I did not read the chapter.	Imagination	Houses conceal selves that no one else sees	By finding the lost copy of the book	3	4/19/2014 10:20:00
5								

HW 2.6: Create a FORM that has some meaningful personal, educational, classroom or professional potential real usage. Maybe your survey form will be related to the FLIP CARDS you made with Flippity.Net at the start of this Lesson 2 assignment. You can put into the form a text box that says "study these flash cards as tinyurl.com/steve33 and then take this quiz. Keep the bar high and try to create something useful and hopefully educationally significant. It does not have to be related to the FLIPPITY CARDS. That was just an idea!

Send the URL to me so that I can test your form and be one of "your customers." I will post them next week on our Lesson 3 PDF. Be careful with the URL. You are not sending me the URL where you create the form. You are sending



me the URL that you see when you choose VIEW LIVE FORM or SEND FORM. This is a common mistake. Optional: change the URL to a tiny one using tinyurl.com.



<https://docs.google.com/forms/d/1ZacnbodPi3VqehLMRkhoTHlwWQh62eXUzujf15CMkq8/viewform>

If your school's domain is protected, you might see a checkbox that says "allow others outside of your domain to access this form."

OPTIONAL: If you have had experience with GD forms before this course, try to construct at least one question of each data type including GRID and use data validation options when possible. Also try to include at least 2 pictures and 2 videos.

One more optional assignment HW2.7: there is a new GD add-on called Form+ The website is: <http://formpl.us> if you want to try it.

This provides a different interface for a Google form that includes the feature to UPLOAD a file. Some people love it since the current version of Google Forms does NOT allow the user to upload a file.

Here is a 7 minute video on how it works --

<https://www.youtube.com/watch?v=rRruVpe0a90>

I would be glad to show you how this works during our 30 minute conversation this week if you want.

Have a good week. Please remember that I am here for you 15 hours a day (7am to 10pm) seven days a week and that unlike people who are arrested, you are NOT limited to one phone call. My job is to serve you and help you. If that means we talk two times a week, that is fine with me. Steve

Steve



phone = 781-953-9699
skype name = stevebergen (no spaces)
Email = sbergen33@gmail.com

OPTIONAL-- FLUBAROO ON NEXT FEW PAGES



FLUBAROO WALK THROUGH ON NEXT FEW PAGES

If interested, we can walk through during our next 30 minute conversation

Here is a spreadsheet of entries to my Lesson 2 survey form on the number 33.

	A	B	C	D	E	F
1	Timestamp	What is the square root of 1089?	What is the atomic number of ARSENIC on the periodic table?	What was Larry Bird's uniform number?	My cell phone is 781-953-9699. If you add up the last 4 digits (9,6,9,9) what do you get?	What is your first name?
2	9/27/2014 12:23:57	33	33	33	33	Steve Correct Answers
3	9/27/2014 12:24:19	37	33	34	33	Jane
4	9/27/2014 12:24:35	33	32	32	32	John
5	9/27/2014 12:25:02	1089	30	32	32	Kevin
6	9/27/2014 12:25:21	0	33	33	100	Robert

After install the GD add-on called Flubaroo, I choose GRADE ASSIGNMENT and it asks me to "weight the questions" in case I want some questions to count more than others.

Flubaroo - Grading Step 1



Please select a grading option for each of the questions in the assignment. Flubaroo has done its best to guess the best option for you, but you should check the option for each question yourself.

Grading Option	Question
1 Point	What is the square root of 1089?
2 Points	What is the atomic number of ARSENIC on ...
3 Points	What was Larry Bird's uniform number?
1 Point	My cell phone is 781-953-9699. If you ad ...
Identifies Student	What is your first name?

In the next step, Flubaroo asks me which row contains the correct answers. I know that I entered all the correct answers in row 1 before I gave access to my students.

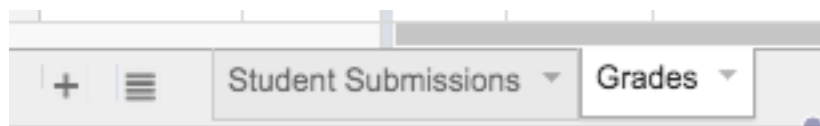
Flubaroo - Grading Step 2



Please select which submission should be used as the Answer Key. Typically this will be a submission made by you. All other submissions will be graded against the Answer Key, so take care to ensure that you select the right one.

Select	Submission Time	What is your first...
<input checked="" type="radio"/>	Sat Sep 27 2014 09:23:56	Steve Correct Answ...
<input type="radio"/>	Sat Sep 27 2014 09:24:19	Jane
<input type="radio"/>	Sat Sep 27 2014 09:24:35	John
<input type="radio"/>	Sat Sep 27 2014 09:25:01	Kevin
<input type="radio"/>	Sat Sep 27 2014 09:25:20	Robert

That is it! Now Flubaroo goes to work and "grades the students" putting all the results in a NEW WORKSHEET that is adjacent to the student responses (see bottom on next page) where you will find



All data in **Student Submissions** came from the students who filled out my survey.

All data in **Grades** came from Flubaroo.



summercore

Sample Form for Teaching Use of Flubaroo (Responses)

☆

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

fx

	A	B	C	D	E	F	G	H	I	J	K	L
1	Summary:											
2	Points Possible	7										
3	Average Points	2.25										
4	Counted Submissions	4										
5	Number of Low Scoring Questions	4										
6												
7	Submission Time	What is your first name?	Total Points	Percent	Times Submitted	Emailed Grade?	What is the square root of 1089?	What is the atomic number of ARSENIC on ...	What was Larry Bird's uniform number?	My cell phone is 781-953-9699. If you ad ...		
8	9/27/2014	Jane	3	42.85%	1		0	2	0	1		
9	9/27/2014	John	1	14.28%	1		1	0	0	0		
10	9/27/2014	Kevin	0	0.00%	1		0	0	0	0		
11	9/27/2014	Robert	5	71.42%	1		0	2	3	0		
12												
13							25	50	25	25		
14												
15												
16												
17												

+

≡

Student Submissions ▾

Grades ▾