



Getting, Started with Google Apps



GSuite for Education

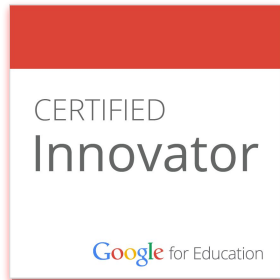




Sangeeta Gulati

National ICT Award, 2016
Fulbright Distinguished Award, 2011

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 sangeetagulati92@gmail.com



G Suite for Education

Tools your entire school can use together,
anytime and anywhere



Collaborate
anywhere



Manage all
your tasks



Manage your
classroom



Communicate
your way



Administer with
confidence



Drive

Organize and create files in one place. Get access to them from anywhere,
anytime.



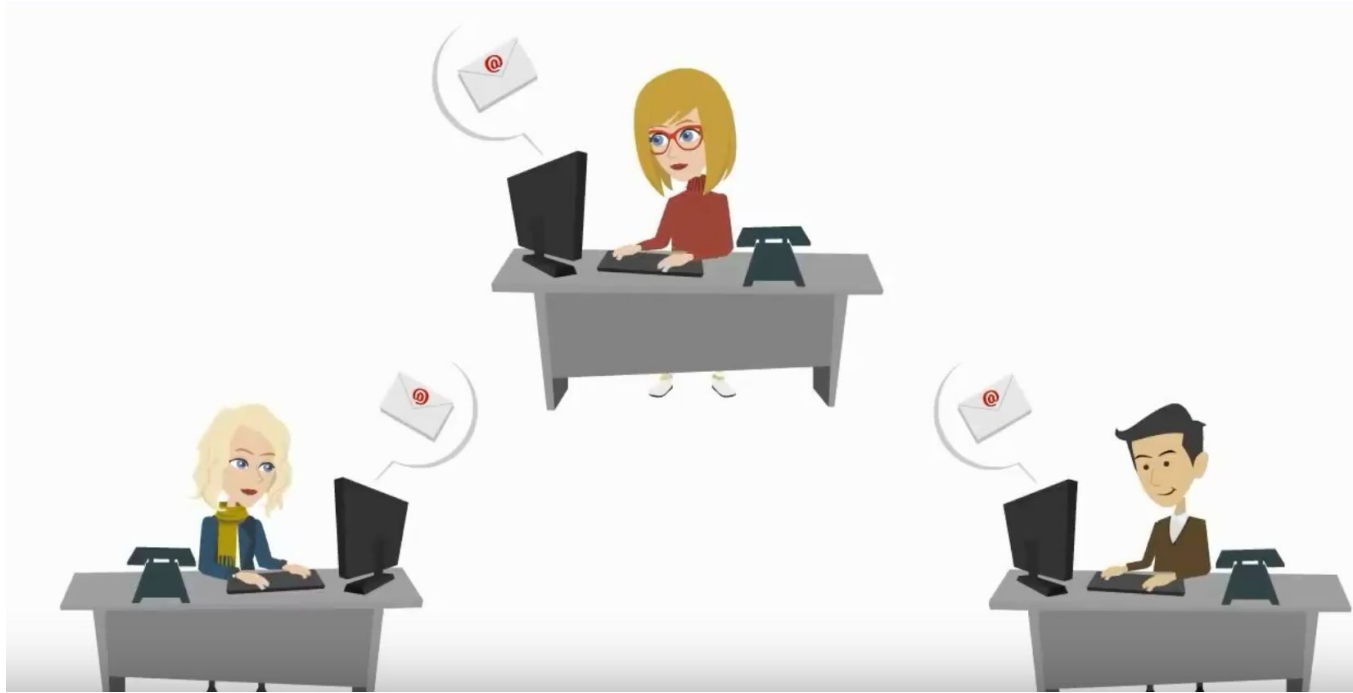
Old ways to store data

ways to store data NOW

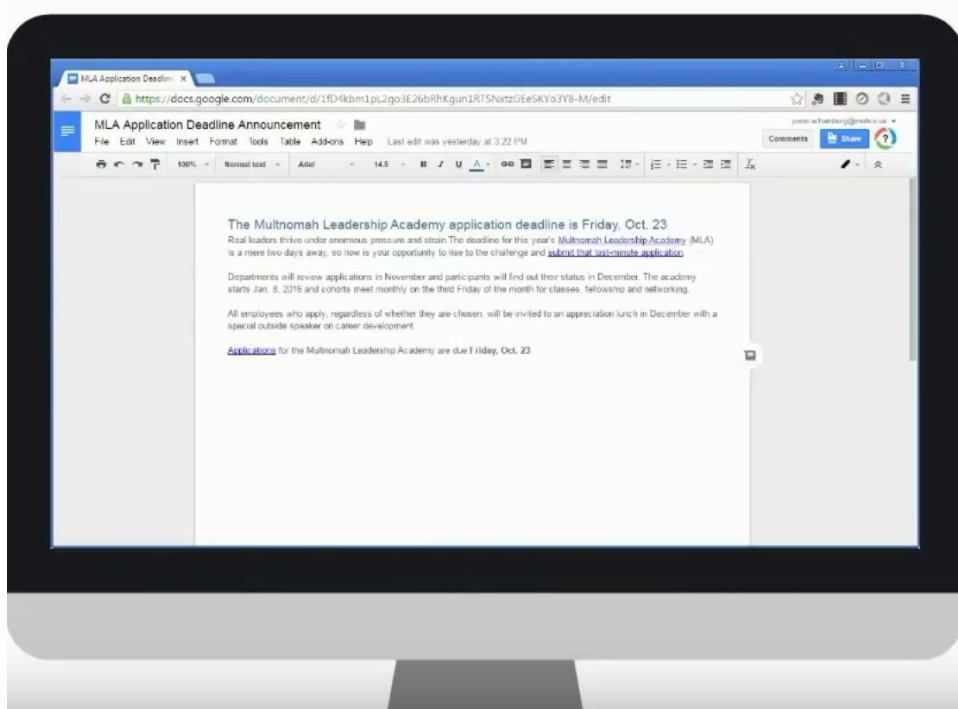




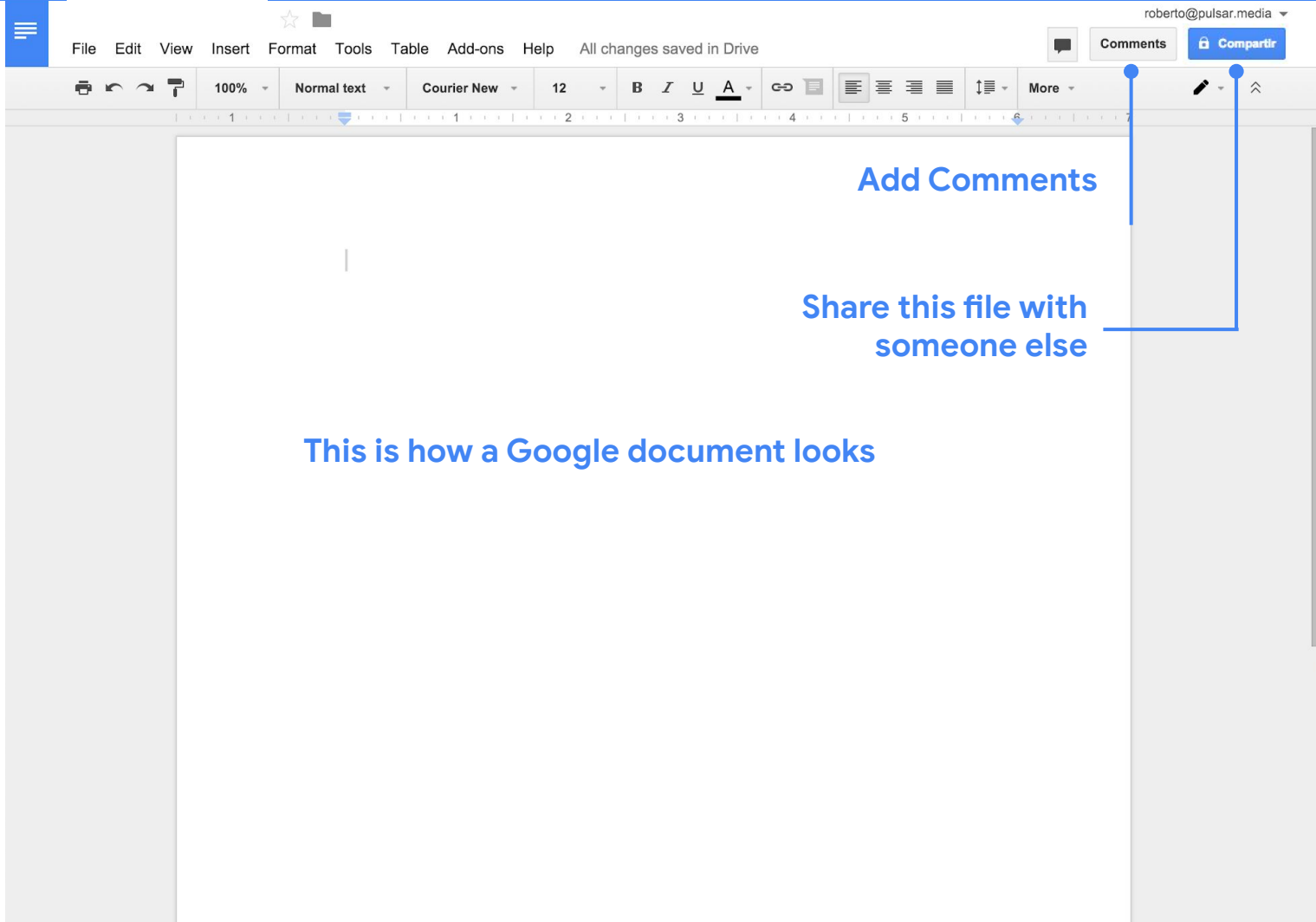
Doc



Multiple versions of same document



Collaboration : sharing one single file to monitor inputs/edits and suggestions



The screenshot shows the Google Docs web interface. At the top, the menu bar includes File, Edit, View, Insert, Format, Tools, Table, Add-ons, and Help. The status bar indicates "All changes saved in Drive" and the user's email "roberto@pulsar.media". The toolbar contains various editing tools like undo, redo, bold, italic, underline, and text color. The main document area is mostly blank, with a vertical cursor. Two blue annotations are present: one pointing to the "Comments" button in the top right, and another pointing to the "Share" button. The text "Add Comments" and "Share this file with someone else" is written in blue. The main text of the document reads "This is how a Google document looks".

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

roberto@pulsar.media

Comments Compartir

100% Normal text Courier New 12 B I U A ↻

1 2 3 4 5 6 7

Add Comments

Share this file with someone else

This is how a Google document looks



Make sure it is public so that people can access the document






Esto es una prueba ☆ 📁

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

Comments Share

100% Normal text Courier New 12 B I U A

Link sharing

-  **On - Public on the web**
Anyone on the Internet can find and access. No sign-in required.
-  **On - Anyone with the link**
Anyone who has the link can access. No sign-in required.
-  **On - Pulsar Media**
Anyone at Pulsar Media can find and access.
-  **On - Anyone at Pulsar Media with the link**
Anyone at Pulsar Media who has the link can access.
-  **Off - Specific people**
Shared with specific people.

Note: Items with any link sharing option can still be published to the web. [Learn more](#)

Save Cancel [Learn more about link sharing](#)



Esto es una prueba ☆ 📁

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

100% Normal text Courier New 12 B I U A ↕ ⌂

Comments Share

roberto@pulsar.media

Share with others

Get shareable link

People

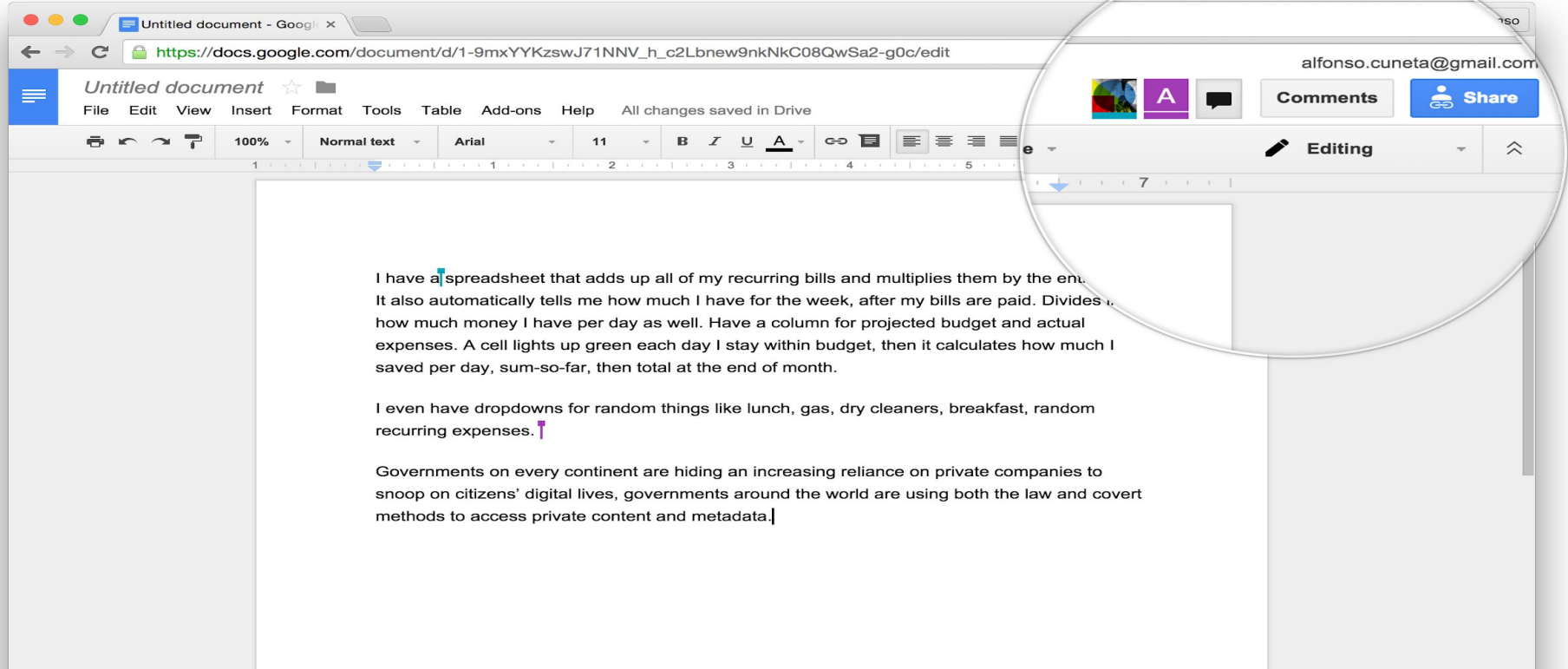
Enter names or email addresses... Can edit

- ✓ Can edit
- Can comment
- Can view

Done

By clicking on the share button you can:
Either add one or several people and
determine the type of permission they will
have (edit, comment or view the
document).

Edit Lesson Plans Together



The image shows a screenshot of a Google Docs document editor. The browser address bar displays the URL: https://docs.google.com/document/d/1-9mxYYKzswJ71NNV_h_c2Lbnew9nkNkC08QwSa2-g0c/edit. The document title is "Untitled document". The top right corner shows the user's email address, "alfonso.cuneta@gmail.com", and buttons for "Comments" and "Share". The document content includes the following text:

I have a spreadsheet that adds up all of my recurring bills and multiplies them by the end of the month. It also automatically tells me how much I have for the week, after my bills are paid. Divides it by 7 to tell me how much money I have per day as well. Have a column for projected budget and actual expenses. A cell lights up green each day I stay within budget, then it calculates how much I saved per day, sum-so-far, then total at the end of month.

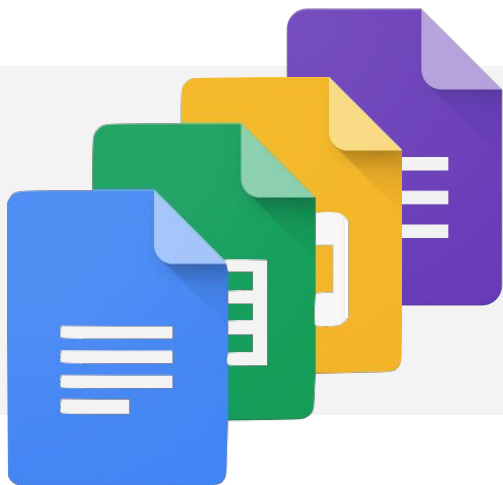
I even have dropdowns for random things like lunch, gas, dry cleaners, breakfast, random recurring expenses.

Governments on every continent are hiding an increasing reliance on private companies to snoop on citizens' digital lives, governments around the world are using both the law and covert methods to access private content and metadata.]

A circular callout highlights the top right corner of the interface, showing the user's profile picture, the email address "alfonso.cuneta@gmail.com", and the "Comments" and "Share" buttons.



Types of documents that are created with Drive



Documents, spreadsheets, presentations and forms



Google Docs

Can be used for individual or collaborative writing, summaries, peer editing, reflections. Documentation of inter and intra departmental work with easy editing. Newsletters - entire year in one document

Class XII- Properties of Definite Integral Practice Problems

$\int_{-1}^1 f(x) dx, f(x) = 1 - 2x, x \leq 0, 1 + 2x, x \geq 0$	$\int_{-5}^5 x - 2 dx$
$\int_0^2 2x - 3 dx$	$\int_1^4 (x - 1 + x - 2 + x - 3) dx$
$\int_0^2 x^2 + 2x - 3 dx$ (Ans=4)	$\int_0^{\pi} \cos x dx$
$\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \sin x dx$	$\int_1^{\frac{1}{e}} x \sin \pi x dx$
$\int_0^3 [x] dx$ (Ans=3)	$\int_0^2 [x^2] dx$ (Ans= $5 - \sqrt{2} - \sqrt{3}$)
$\int_1^2 \frac{\sqrt{3-x}}{\sqrt{x+\sqrt{3-x}}} dx$	$\int_{\frac{1}{3}}^{\frac{2}{3}} \frac{1}{1+\sqrt{\cot x}} dx$
$\int_0^{\frac{\pi}{2}} \frac{dx}{\cos x}$	$\int_0^{\frac{\pi}{2}} \frac{(\sin x)^2}{(\sin x)^2 + (\cos x)^2} dx$



The screenshot shows a Google Classroom interface with a discussion thread and a worksheet. The discussion thread includes a post by Sangeeta Gulati asking for weblinks to be removed from a document, and replies from Shivani Gulati. The worksheet, titled 'Magic Squares', contains instructions for a puzzle and a 3x3 grid of numbers.

Discussion Thread:

- Sangeeta Gulati:** SELECTED TEXT: Weblinks can be shared by each teacher through Google Classroom. (copy and save them separately) Create a description of what the links lead to. Rest is fine. Reply - Resolve
- Shivani Gulati:** Ok ma'am! Will do the needful. Thanks and regards Shivani Gulati
- Arijit Tulsiani:** All flags follow the ratio 2 : 3
- Shivani Gulati:** Marked as resolved

Magic Squares Worksheet:

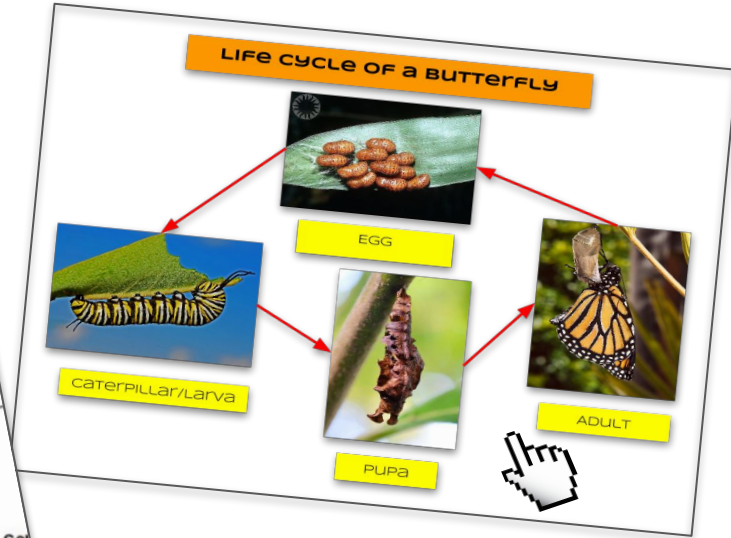
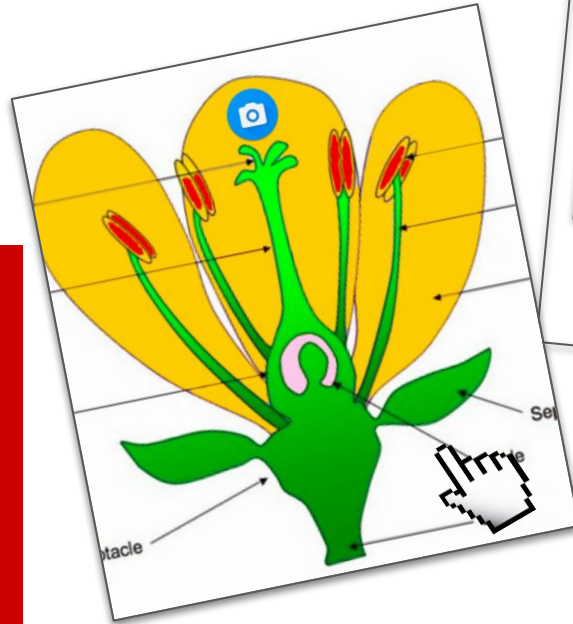
Instructions:

- Given below is a link for the puzzle sheet with few 3x3 unsolved magic square puzzles.
- Students will only have to sum three numbers to come up with the solution. Remember that the rule to these puzzles is that each row, column, and diagonal must total the given sum.
- Take out a print of the sheet and solve.

Click here for the Magic Squares Worksheet



Google Draw



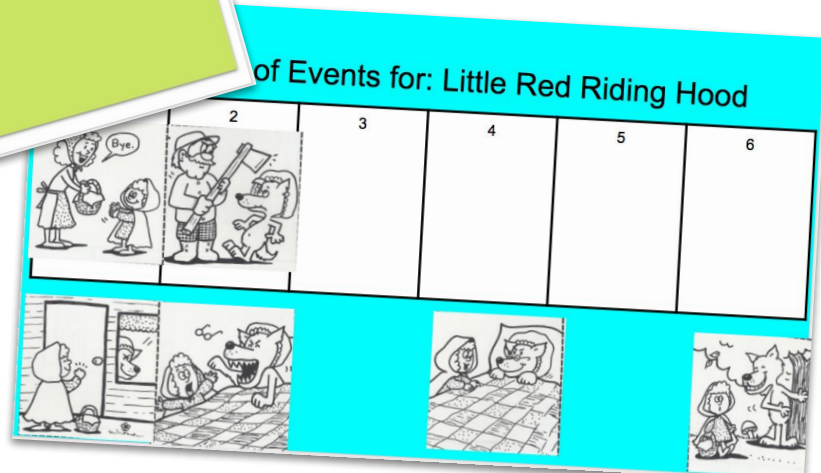
A versatile App which can be used to create graphic organizers, concept maps or Mind Maps, venn diagrams....

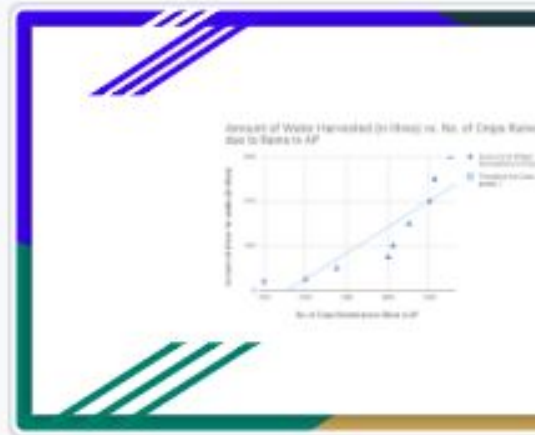


Google Slides

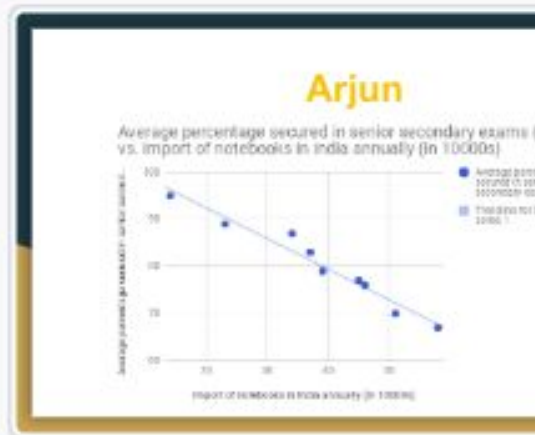
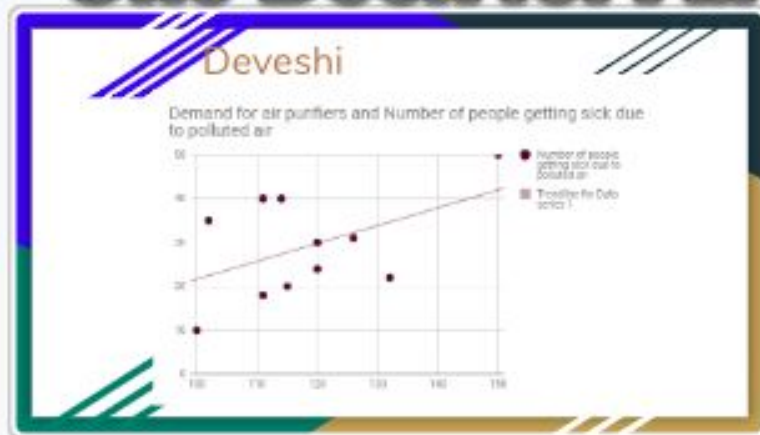


This app can be used for presentations, comic strip, story telling/sequencing, collaborative project, posters, Videos inserted...





5 One Deck for All



Google Forms



The following graph represents * 1 point

(-2, 3)
 [-2, 3]
 [-2, 3)
 (3, 2]

Solve : $20x < 124$, x is a natural number. * 1 point

Your answer

Solve : $-12x > 30$, x is an integer. * 1 point

Option 1 Option 2

$\{-2, -1, 0, 1, 2, \dots\}$ $(-\infty, -2.5)$

Quiz

This app can be used for assessments/Quizzes, question of the day, exit ticket, Class poll, data collection, survey

I have used Google Forms for (50 responses)

Purpose	Count	Percentage
Assessment/...	43	86%
Data Collection	14	28%
Other	1	2%

Summary of Responses - easy to interpret Pie Chart and Bar Graphs

I rank my expertise with Google Forms as... (50 responses)

Expertise Level	Count	Percentage
1	4	8%
2	5	10%
3	23	46%
4	15	30%
5	3	6%

Basic 1 2 3 4 5 Master/Expert

#02Quiz- Probability

Your email address [redacted] will be recorded when you submit this form. Not you? [Switch account](#)

* Required

One Mark Questions

If A and B are mutually exclusive events, independent events. *

True

False

Three events A,B and C have probability respectively. *

Given that $P(A \cap C) = \frac{1}{5}$ and $P(B \cap C) = \frac{1}{2}$

Graded & returned

Grader	Score
[User]	20
Ashraf Masel	11
[User]	20

#02 Quiz -Probability

0 Turned in 2 Assigned 29 Graded

#02Quiz- Probability
Google Forms

All

[User] Missing

[User] Missing

[User] Graded

[User] Graded

[User] Graded

[User] Graded

Choose correct answers:

A and B are two students. their chances of solving a problem correctly are $\frac{1}{3}$ and $\frac{1}{4}$ respectively. If the probability of their making a common error is $\frac{1}{20}$ and they obtain the same answer , then the probability of their answer to be correct is

4 points

$\frac{1}{12}$

$\frac{1}{40}$

Feedback with :image;text;video;weblink

10/13

Feedback for correct answers

Well done.Take a look at this video to confirm that you got the answer 'correctly' :)

[Solution](#)

Feedback for incorrect answers

Interpret "They obtain the same answer " as "both could answer correctly" or "both got it wrong". Did you think of Baye's theorem? Check out the attached video to follow the solution.

[Solution](#)

Google Classroom

Manage Teaching and Learning with Classroom



What can you do in Google Classroom?



Educators can

- ❑ Create classes
- ❑ Connect with students
- ❑ distribute assignments
- ❑ grade and send feedback
- ❑ and see everything in one place.

Students can

- Join classroom
- Interact with teacher
- Attempt assignment
- Access resources
- Get feedback
- Have year long work in one place

Deep Dive

Google Drive



Or type in `drive.google.com` in the omnibox

TIP

To get to Drive from Gmail, click the 3x3 app launcher at the top of the page and select the Drive icon.



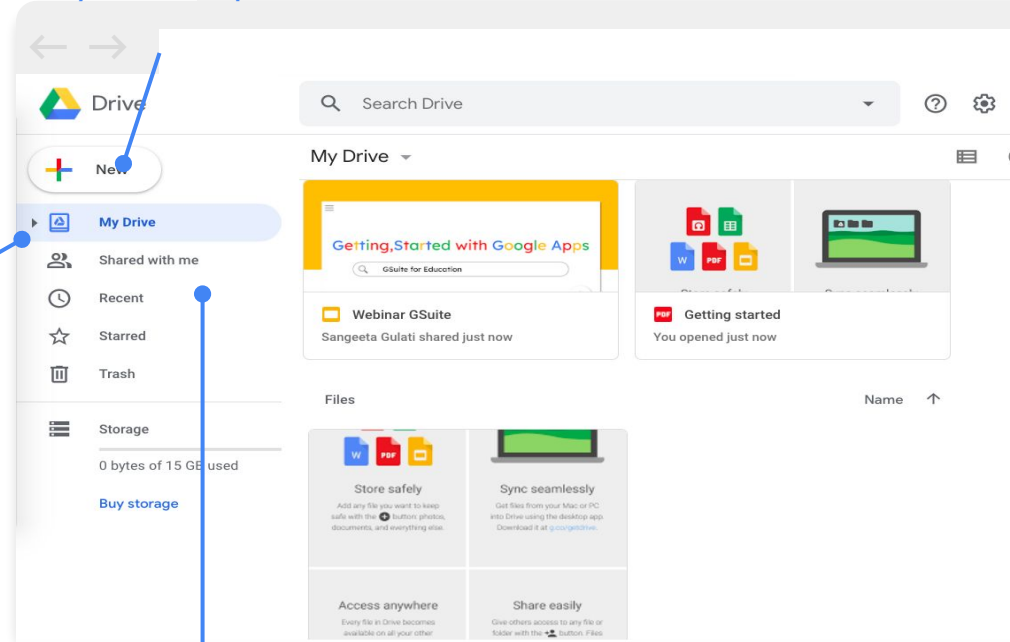
Learn to use your Drive ...



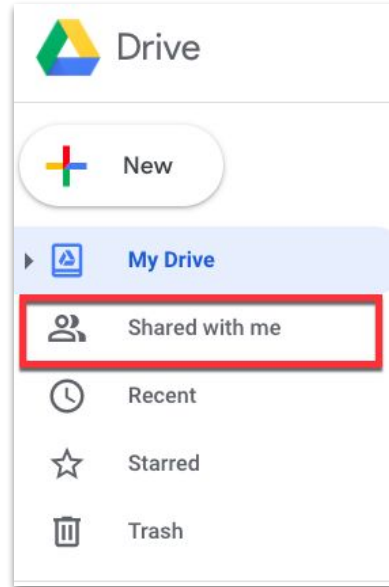
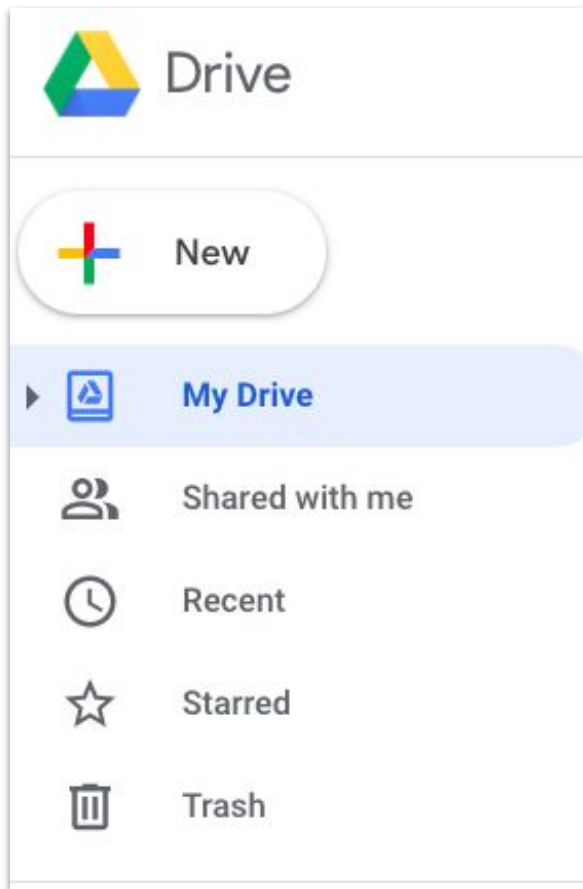
Drive is your space to create, store and share documents

Locate your files - MyDrive

New: Create new Docs, Presentations, Sheets, Forms and Drawings. You can upload files from your computer to Drive.



Shared with me: Location of files created and owned by someone else. They are granting you access to these files.



The “**Shared with me**” folder contains files that have been shared with you. Files are NOT automatically placed into your “**My Drive**” folder.

See a file you use regularly? Drag it into a folder in “My Drive.”



Access Resources:



Connect



@sangeetagulati9



sangeetagulati92@gmail.com

