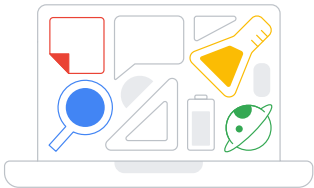


# “Advancing Science Learning through Digital tools and AI Driven Technology”



## Creating Visual Reports

Day 3- December 3, 2025



# Visuals Matters in Science

Turning Data into Meaning

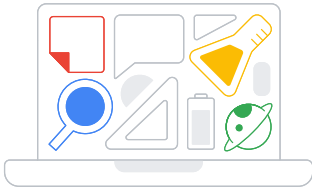


Making Complex Topics Simple

Evidence-Based



Engages diverse learners



\*\* Images are generated by AI(Gemini)

# The Story Transformed: Evolution of the Science Report

## Static & Dense

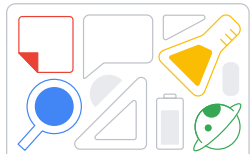


Pages of dense handwriting that bury the findings and make peer review difficult.

## Dynamic & Visual



Multimedia presentations that bring the experiment to life with embedded charts and custom diagrams.



\*\* Images are generated by AI(Gemini)

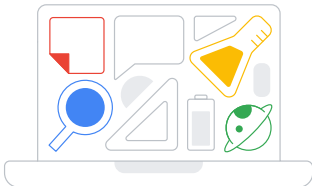
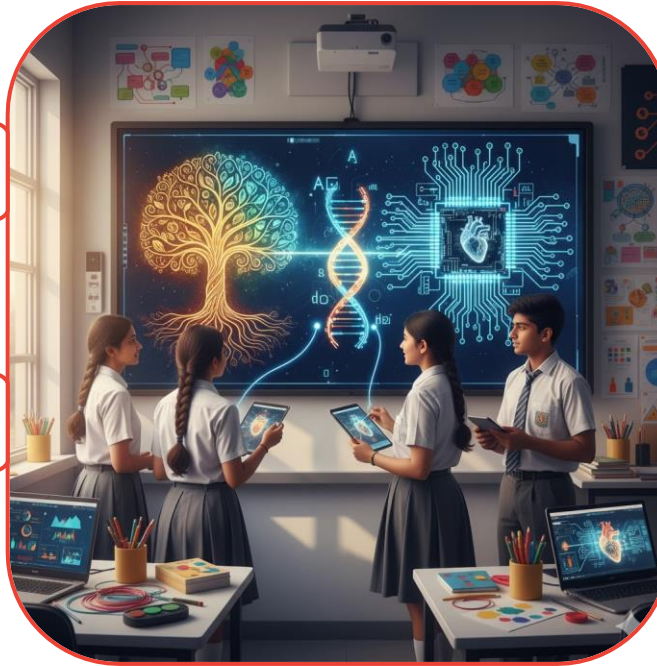
# Technology Builds Skills

**Creativity & Critical Thinking**

**Communication Skills**

**Foster Experiential Learning**

**Holistic Education**



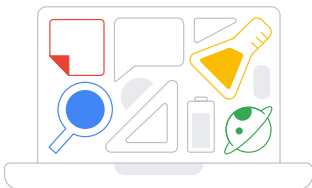
\*\* Images are generated by AI(Gemini)

# Significance: Benefits of Digital Reports

**Dynamic Media:** Embed videos of the experiment reaction directly next to the data chart.

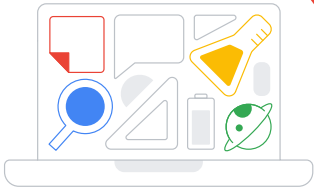
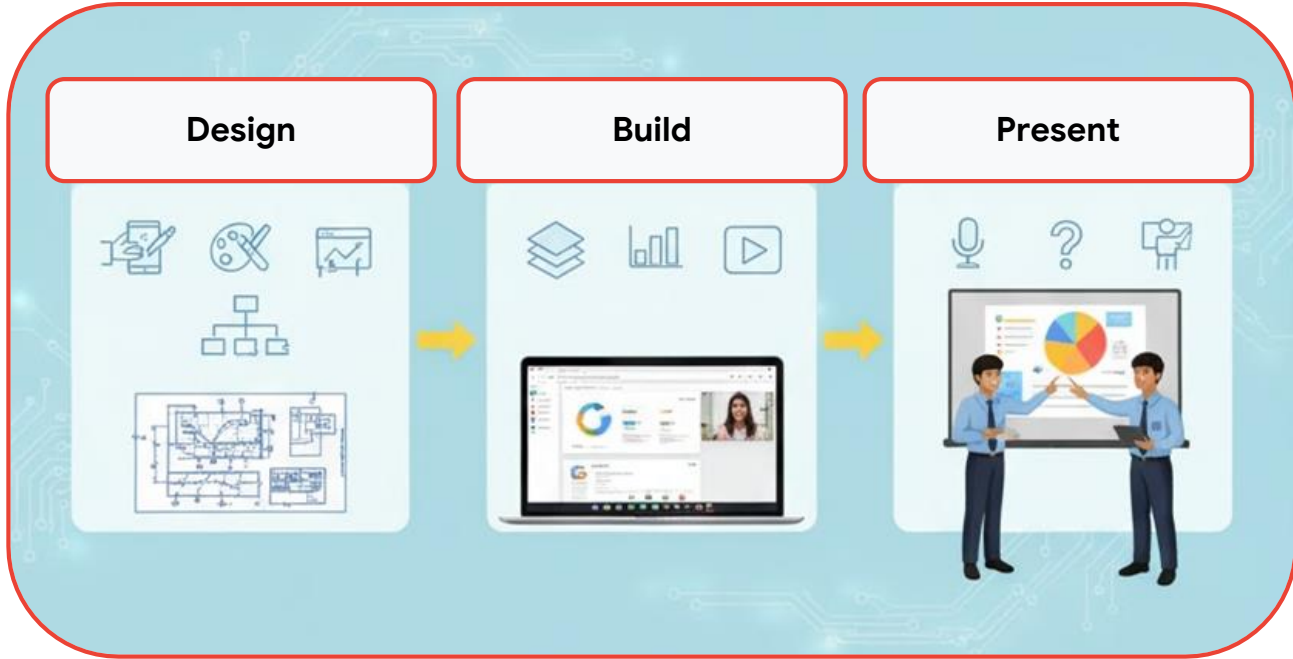
**Custom Precision:** Use Google Drawings to create precise, editable apparatus setups that can be reused.

**Real-time Collaboration:** The whole lab group can build the report simultaneously, no matter where they are.



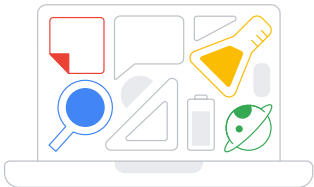
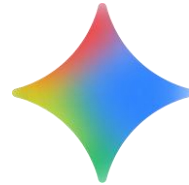
\*\* Images are generated by AI(Gemini)

# Blueprint : Visual Storytelling



\*\* Images are generated by AI(Gemini)

# Creating Visual Reports



# Introduction to Google Slides

## What is Google Slides?

**A tool** - Create digital slides to share in front of the class or any other audience

**Includes** - Text, images, tables, diagrams, videos

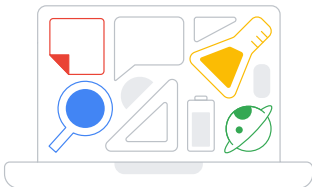


## Educational uses of Google Slides

A versatile tool for

- Visual representation of complex information/topics
- Simplification of learning processes

## Sample Slide Deck



## Features of Google Slides

### Slide Design & Layout

- Themes & Background
- Layouts
- Text Boxes & Formatting
- Arrange & Align Objects

### Adding Rich Content

- Insert Images
- Insert Video & Audio
- Insert Shapes & Diagrams
- Insert Tables & Charts

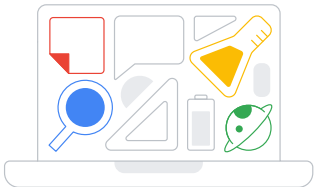
### Presentation & Dynamics

- Slide Transitions
- Object Animations
- Speaker Notes
- Presenter View

### Collaboration & Sharing

- Sharing
- Access Roles
- Comments
- Present in Google Meet

AUTOMATIC SAVING



# Introduction to Google Drawings

## What is Google Drawings?

**A tool** - Create digital graphics, diagrams, and charts on a blank canvas

**Includes** - Text, images, shapes, lines, Word Art

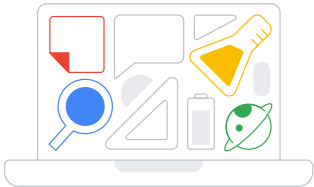


## Educational uses of Google Drawings

A very versatile tool for

- Creating visual aids, graphic organizers, and concept maps
- A timeline or Venn diagram for a lesson
- A concept map or a diagram

[Sample](#)



## Features of Google Drawings

### Canvas & Creation Tools

- Insert Shapes
- Insert Lines & Connectors
- Insert Text Box
- Scribble & Polyline

### Arrangement & Alignment

- Align & Distribute
- Rotate & Flip
- Group & Ungroup
- Order (Bring to Front / Send to Back)

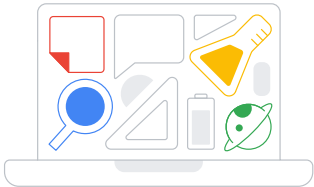
### Adding & Formatting

- Insert Images
- Insert Word Art
- Fill Color & Gradients
- Line Style, Weight & Dash

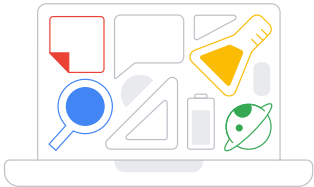
### Collaboration & Exporting

- Sharing
- Access Roles
- Comments
- Download (as PNG, JPEG, SVG)

AUTOMATIC SAVING



# Creating a Slide Deck



## Creating a slide

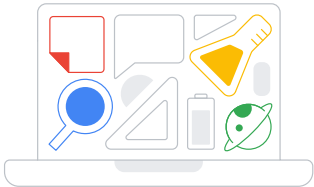
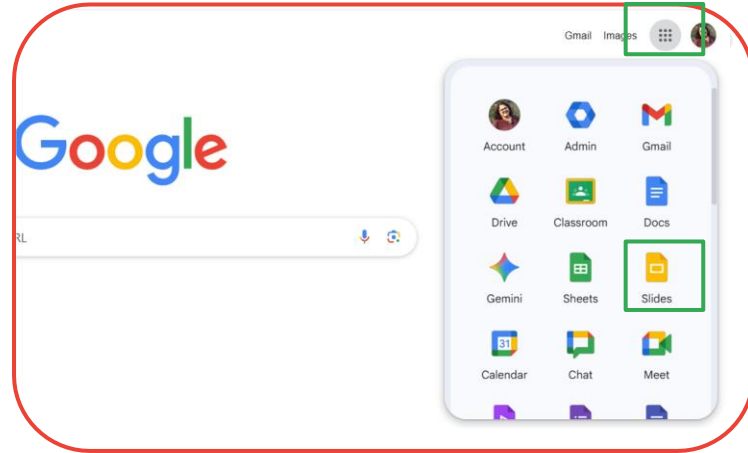
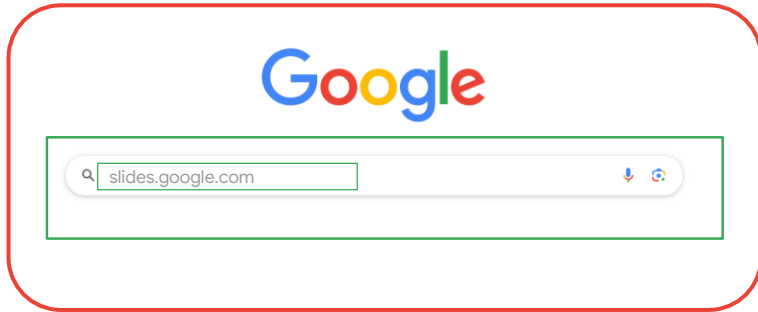
Open the browser

- slides.google.com
- Sign-in with gmail id

OR

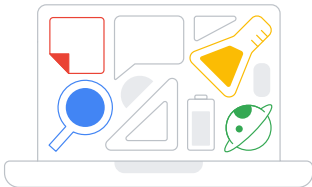
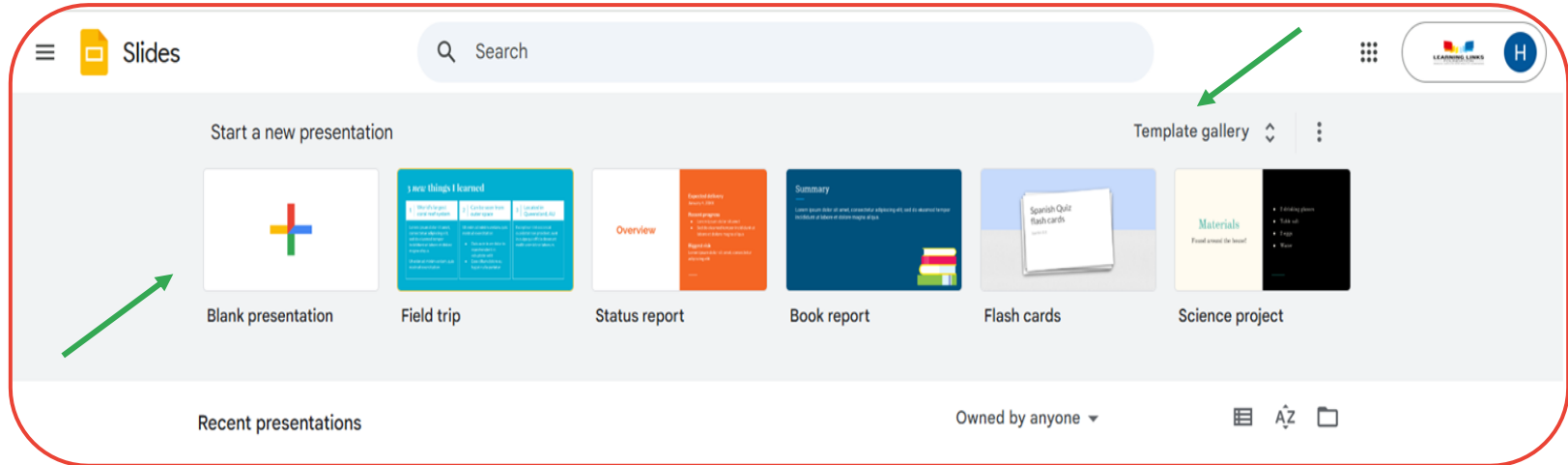
If Google is the search engine:

- Click on nine dots(waffle)
- Select Slides



# Opening a blank slide

Open the Blank Slide **OR** Select the Template from Template Gallery as per requirement

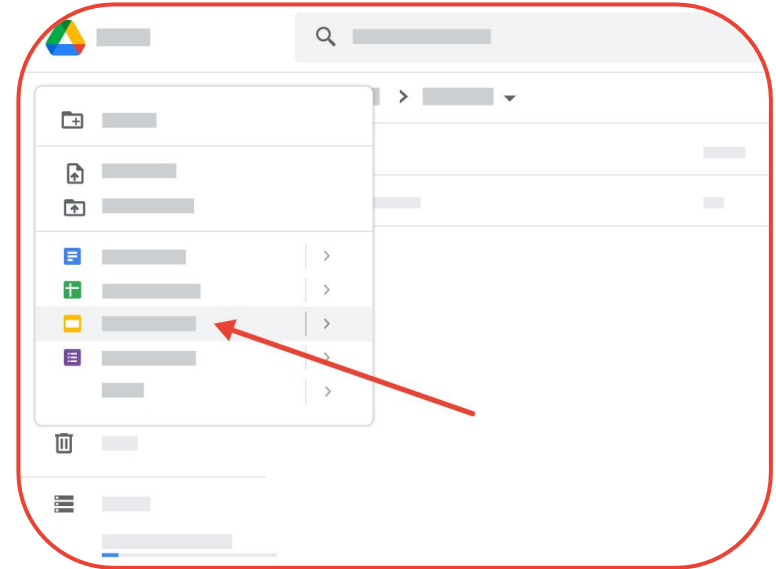
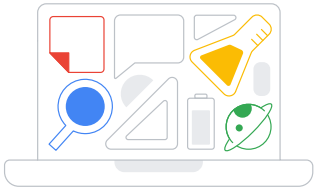


## Creating a new slide deck

As done in previous session, we begin by opening to Google Drive, logging in to Google account if prompted to do so.

In Google Drive,

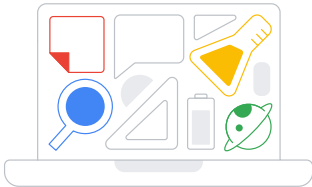
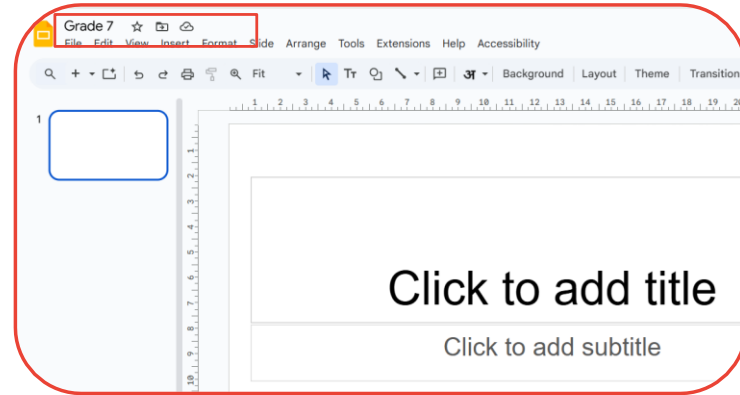
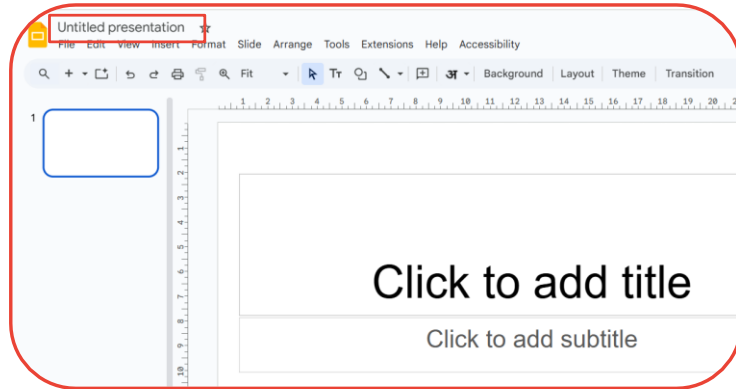
- Click on the 'New' button
- 'Google Slides'
- A new tab will open with a new slide deck for you to edit.



## Naming slide

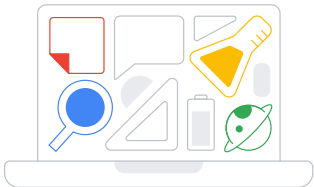
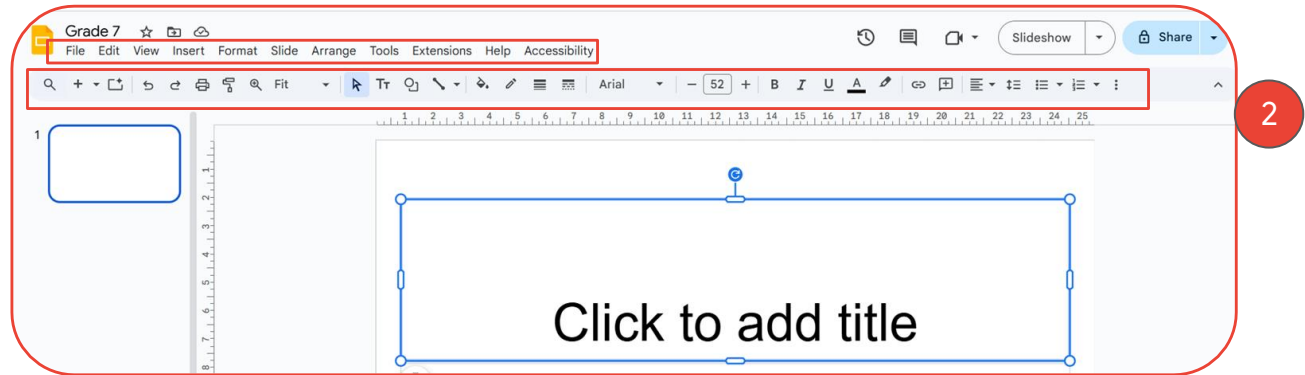
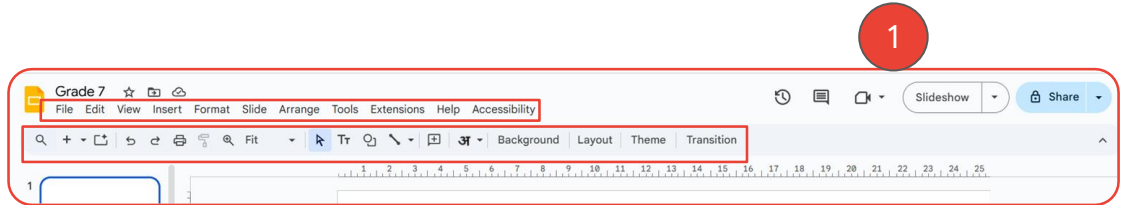
The name of doc needs to show what the doc is about to make it easier to find and open again later.

- Click **Untitled document** on the top left.
- Type in a name for document then press **Enter** on keyboard.
- Slide name will be saved automatically.



## Menu Bar and Ribbon

- The Menu Bar will show - File, Edit, View, Insert, Format, Slide, Arrange, Tools, Extensions, Help, Version History, Comments, Gmeet, Slideshow, Share
- The Ribbon shows 2 ways:
  - When slide is active then, 1.
  - When Textbox is active then, 2.



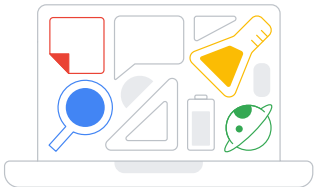
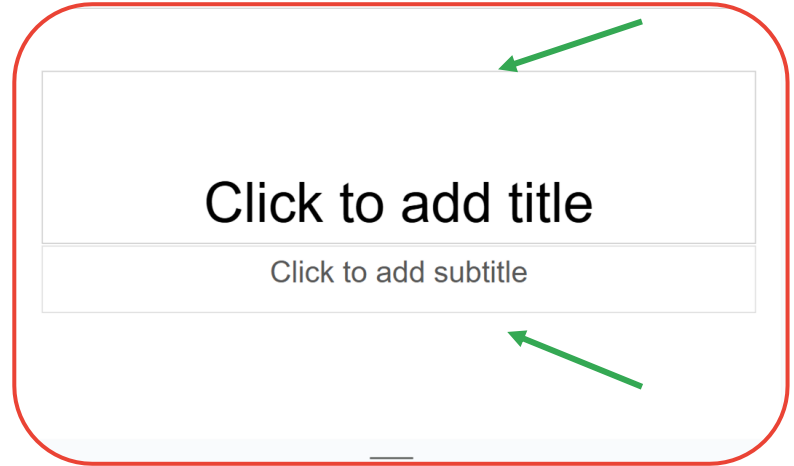
## First Slide

### 1. Adding a title to first slide

- In this first slide you can enter the title of the presentation. This can be the same as the title we entered above. This title will be seen when students view presentation.
- Click on **Click to add title** on first slide.
- Enter the title for slides. This title should tell students what they will learn about.

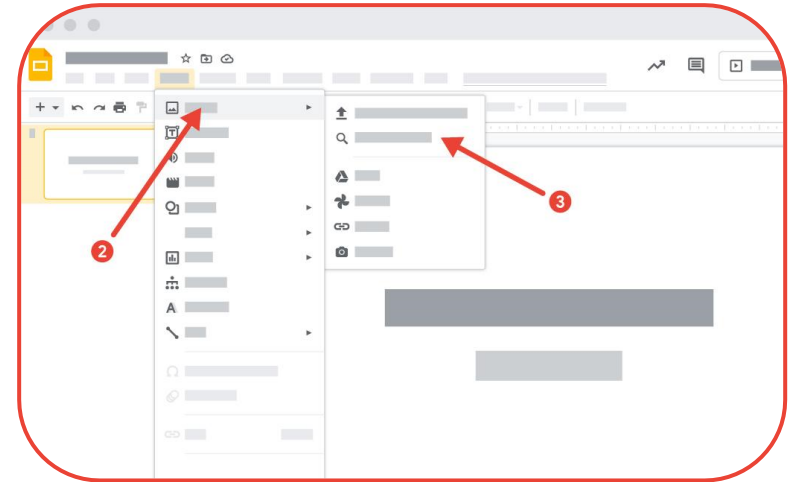
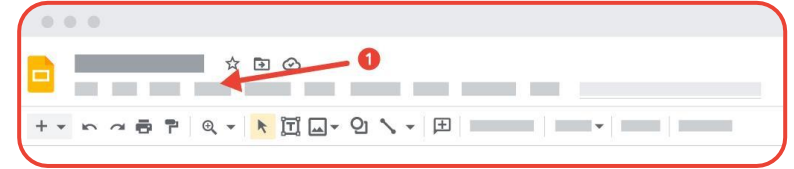
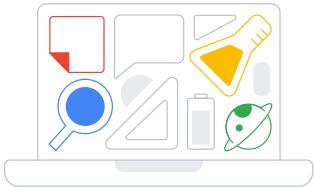
### 2. Adding a subtitle

- A subtitle can give more information about presentation to students.
- Click on 'Click to add subtitle' to type in subtitle. Here, you can add more details about the presentation or use it as a space to write name.



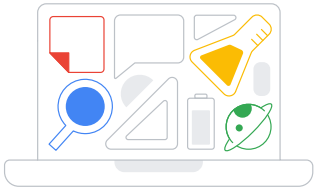
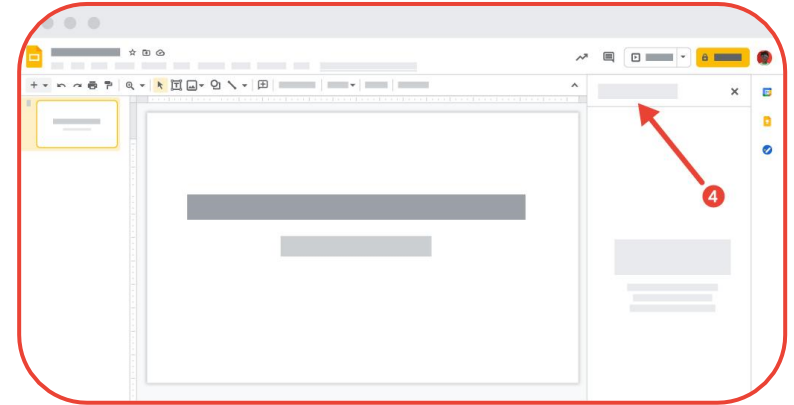
## Adding an image to slide

1. Find 'Insert' in the top menu and click on it
1. Point to 'Image' to show the many different options to insert images. This will make the image menu appear to the right.
1. This gives a number of options in finding the right image. For example,
  - Upload an image from computer
  - Search for one online
  - Use one already in Google Drive
  - Take a new image with device's camera
  - Click on 'Search the Web'.



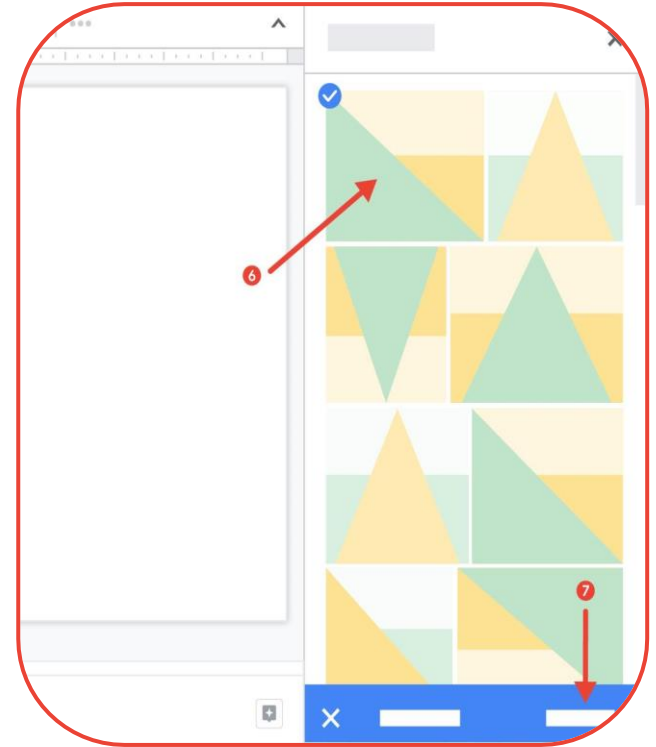
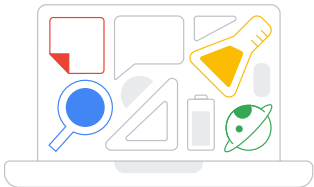
## Adding an image to slide

4. A Google Search window appears so you can find the images right here in Google Slides, without opening a new tab. **Click Search for images.**
4. Enter the name of the object or place you want to find an image of, and click **Enter** on keyboard.



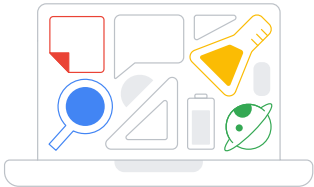
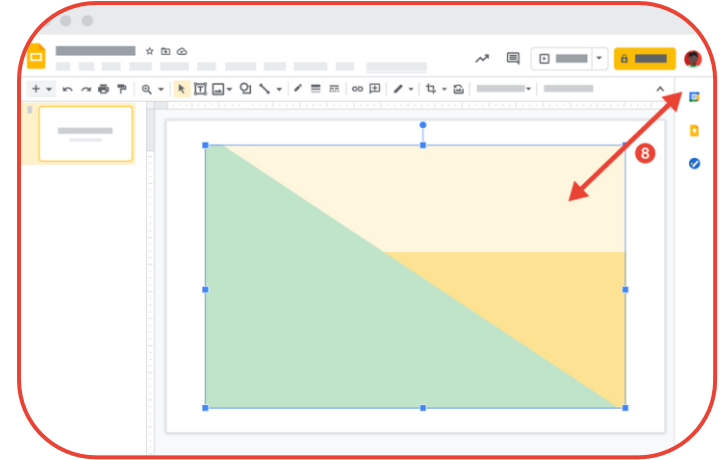
## Adding an image to slide

6. Choose the image that you want to add to presentation, click on this image once to select it.
  - This search box looks for images that are available for personal and commercial use, but always keep in mind that many images found online require you to obtain permission from the owner before using.
6. A blue bar will appear at the bottom, to add this image to presentation click on **Insert** on this bar.



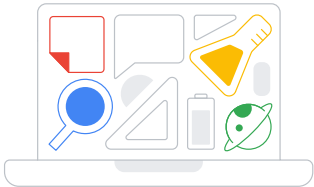
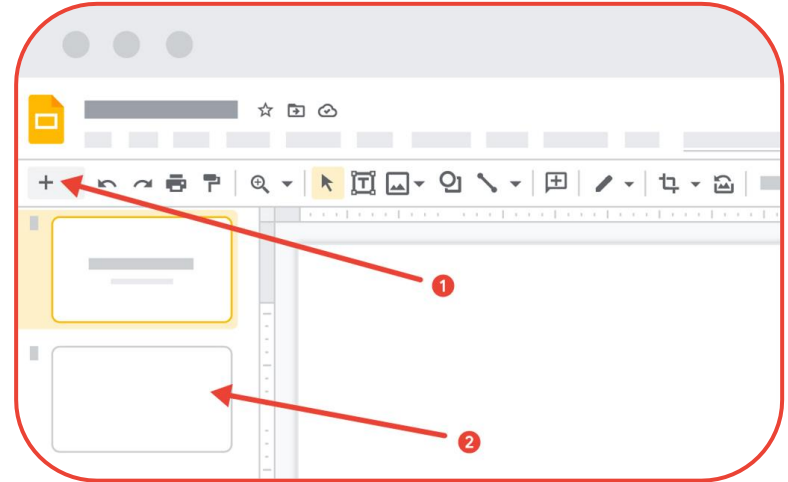
## Adding an image to slide

8. You should now see image on the slide. It might be too big or too small. You can fix that easily. To change the size of image:
  - Click anywhere on the image once to select it
  - Click and hold any of the blue square corners and drag it outwards to make the image larger, or inwards to make it smaller
9. You can also move image to another part of the slide by clicking and holding near the middle of the image and then dragging it to the part of the slide on which you want it to be.



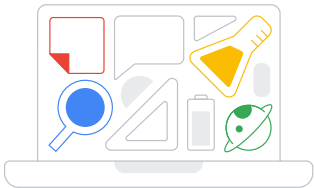
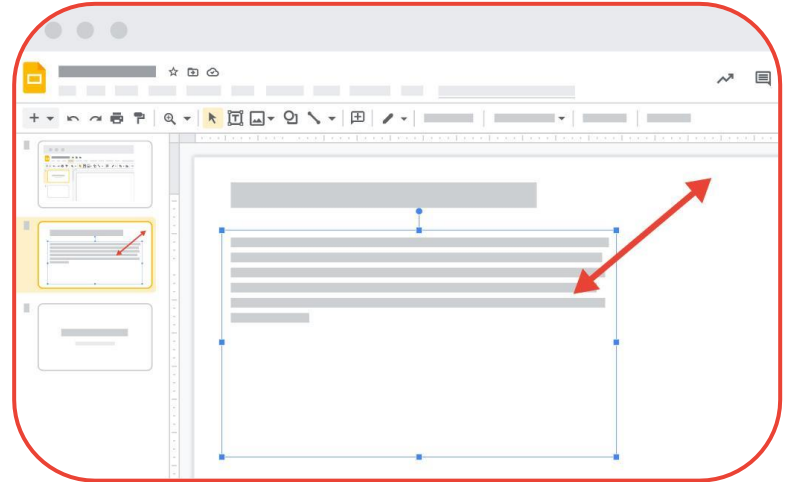
## Adding another slide

1. Now that first slide looks good, adding new slides is as easy as clicking the + button in the upper left corner. This will add a new slide to presentation, just like a new page in a book.
1. This new slide will appear underneath first slide in the left side bar, and will be open on the main part of the screen. Create as many slides as needed.



## Text boxes

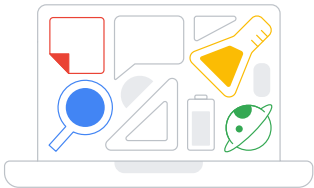
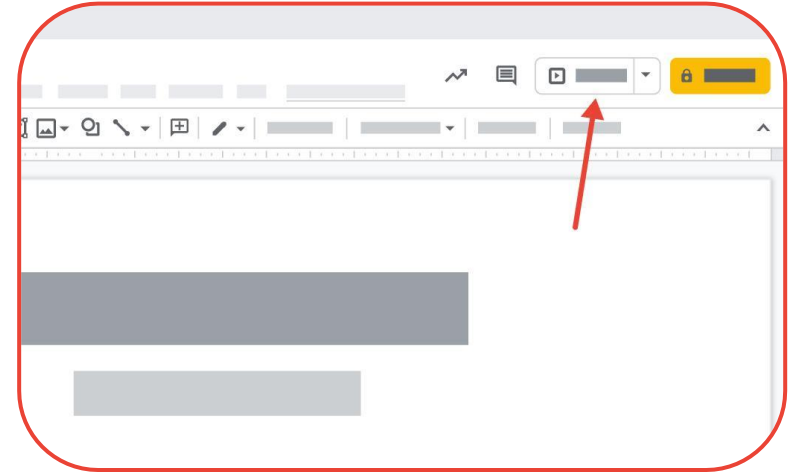
- New slide will have two text boxes ready to click on them and type.
- These text boxes can be resized and moved just like you did with the image.
- Continue creating slide deck.



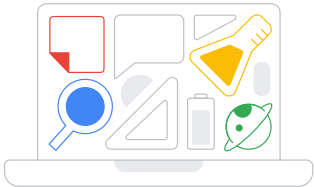
## Present to audience

Once slide deck is complete, present it to audience.

- In the upper right corner of the screen, click the 'Present' button and the presentation will enter full-screen mode.
- To move between slides, click anywhere on the screen or go forwards and backwards using the left/right arrow keys on keyboard.
- Once presentation is finished, exit it by clicking on the 'Escape' key on keyboard.



# Creating a Drawing



## Creating a drawing

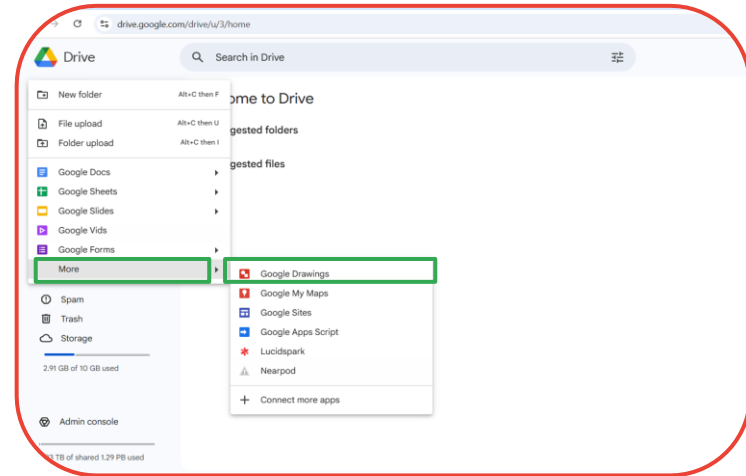
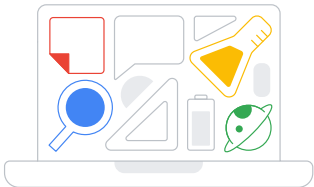
Open the browser

- drawings.google.com
- Sign-in with gmail id

OR

Open Google Drive:

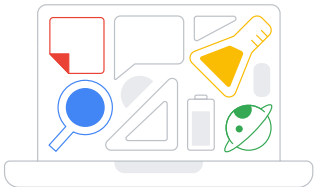
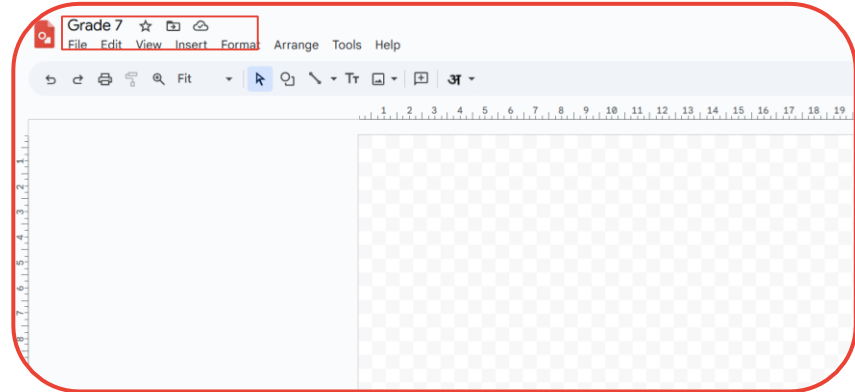
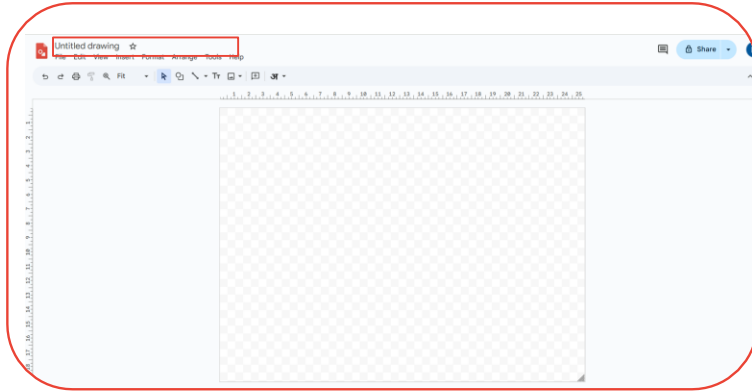
- Click on plus icon
- Move to MORE



## Naming the drawing

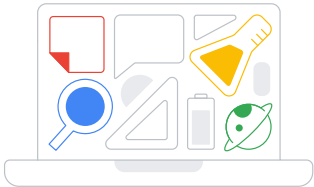
The name of doc needs to show what the doc is about to make it easier to find and open again later.

- Click **Untitled document** on the top left.
- Type in a name for document then press **Enter** on keyboard.
- Slide name will be saved automatically.



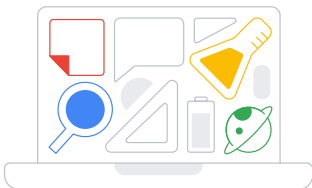
## Menu Bar and Ribbon

- The Menu Bar will show - File, Edit, View, Insert, Format, Slide, Arrange, Tools, Extensions, Help, Version History, Comments, Gmeet, Slideshow, Share
- The Ribbon shows differently depending on the selection.



## FAQs

- **I can't find the 'Save' button. How do I save my work in Slides or Drawings?**  
There is no save button! Both Slides and Drawings save your work automatically every few seconds to your Google Drive.
- **Can I work on my presentation if my internet at home is not working?**  
Yes! Enable offline access in your Google Drive settings. You can open and edit your files without internet, and they will sync when you reconnect.
- **Can I put a YouTube video about my Social Science topic directly into my Google Slide?**  
Yes! In Google Slides, go to 'Insert' > 'Video.' Search YouTube or paste a link, and the video will play directly in your presentation.
- **Can I edit my Google Slides presentation on my smartphone?**  
Absolutely. Download the free Google Slides app for Android or iOS to make edits, review work, and present directly from your phone.
- **How do I use my drawing in my lesson plan or presentation?**  
It's simple! You can download your drawing as an image (PNG or JPEG) and insert it. Or, even better, go to the 'Insert' menu in Google Docs or Slides, choose 'Drawing,' and then select 'From Drive' to add your saved drawing directly.



**Thank You!**

