



Graphic Resources: Concept, Purpose & Handson

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What are

Graphics?

A graphic is an image or visual representation of an object combine text, illustration, and color

- Charts
- Maps
- Diagrams
- Photographs
- Image
- Drawings
- Painting

IMPORTANCE OF GRAPHICS

- Better memory for pictures than for corresponding words
- User can extract information on a subject
- Conceptual development in an exciting way
- Complex information can be communicated effectively
- Visual representation of Data
- Graphics can add valuable context and information
- Graphic provides unique, time-saving resources
- Convey information quickly and easily to the masses

INFOGRAPHICS

The Big Bang Theory



Single dense point of energy and matter -
smaller than a grain of sand

In this expanding universe,
all objects move away from
each other continuously

Expanded with great heat
and energy within seconds

Universe - not motionless;
it is rapidly expanding

The suddenness of
expansion led to its name

Over millions of years -
celestial bodies were formed

After initial expansion, the
Universe began to cool



What are Infographics

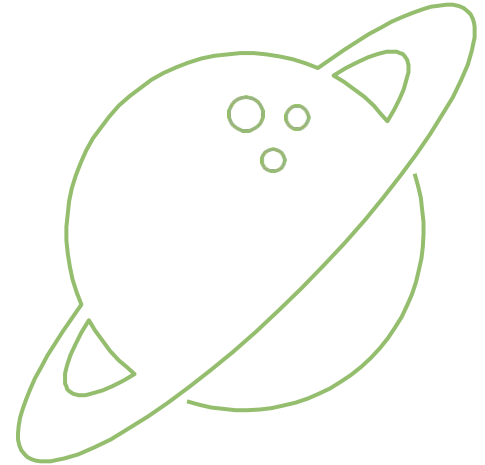
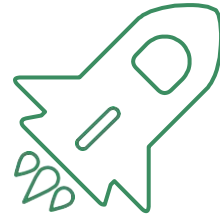
Infographics are graphic visual representations of information, data, or knowledge

EDUCATIONAL USE

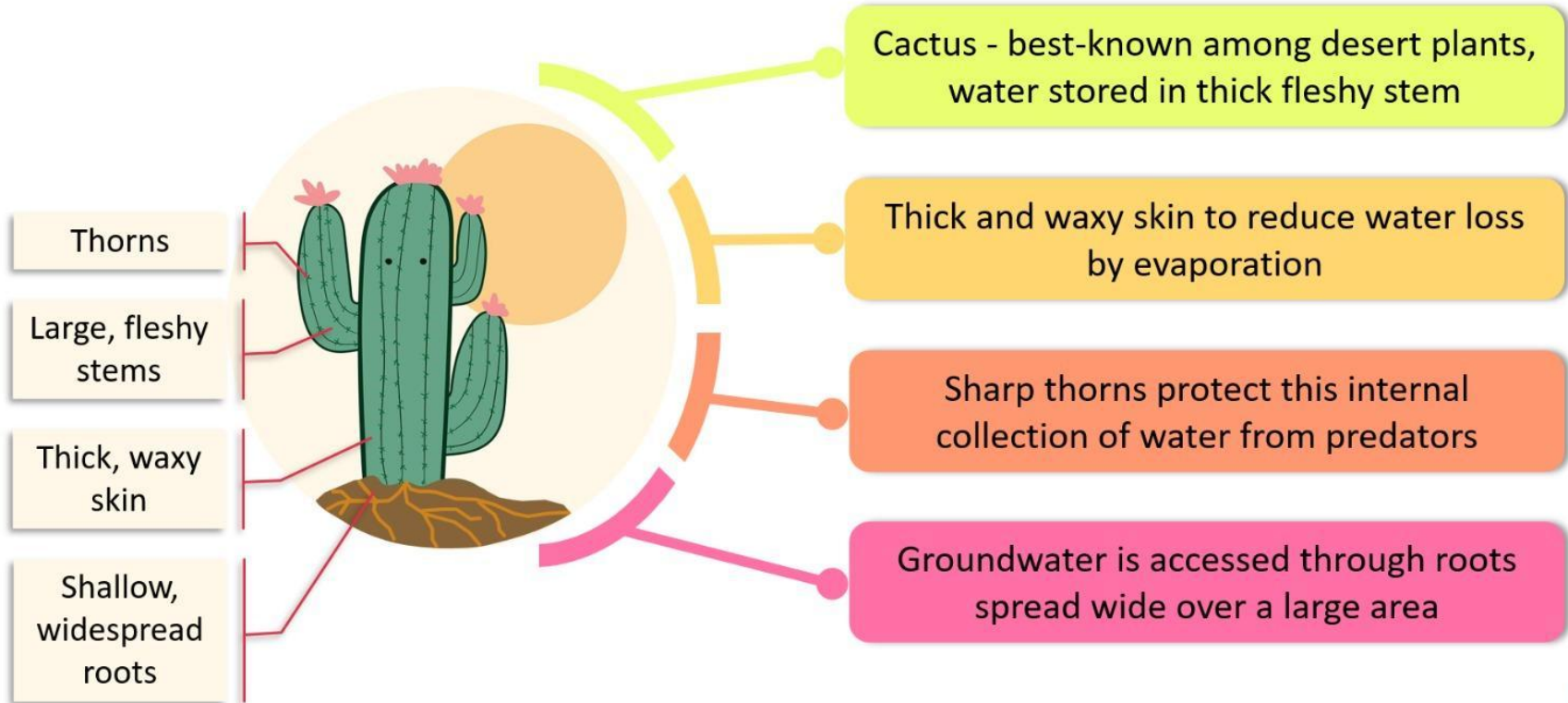
- used as visual aids
- as discussion starters
- introduce a topic or give an overview of the lesson
- for visualizing data

FEATURES

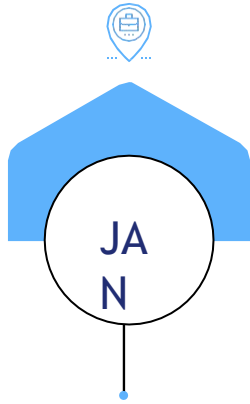
- **Well structured layout**
- **Appealing**
- **Retentive**
- **Tagline**



Flora – How a Plant Adapts

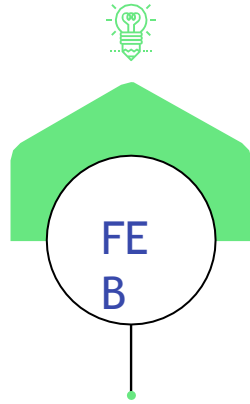


Timeline Infographics



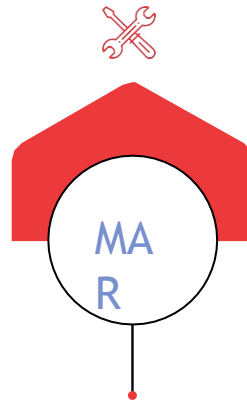
Mercury

Mercury is the closest planet to the Sun



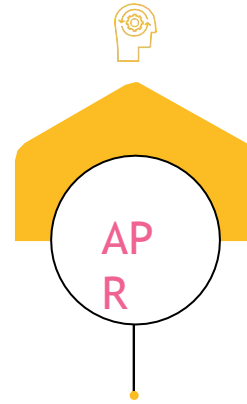
Mars

Despite being red, Mars is actually a cold place



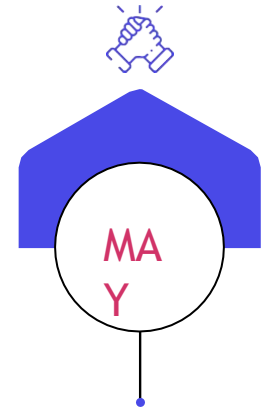
Jupiter

Jupiter is a gas giant and the biggest planet



Saturn

It's composed of hydrogen and also helium



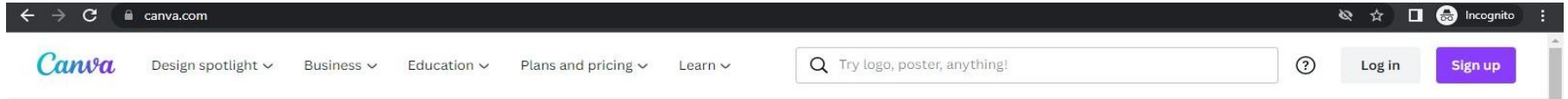
Neptune

Neptune is the farthest planet from the Sun

Infographic Tools

- Canva
- Easel.ly
- Venngage
- Piktochart
- Visme
- Infogram
- Vizualize.me

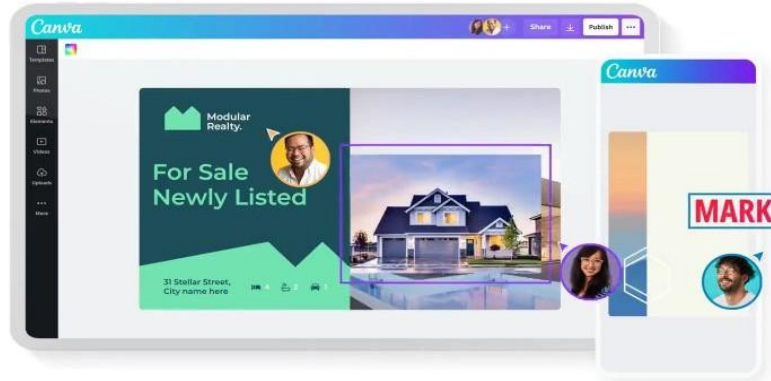
CANVA



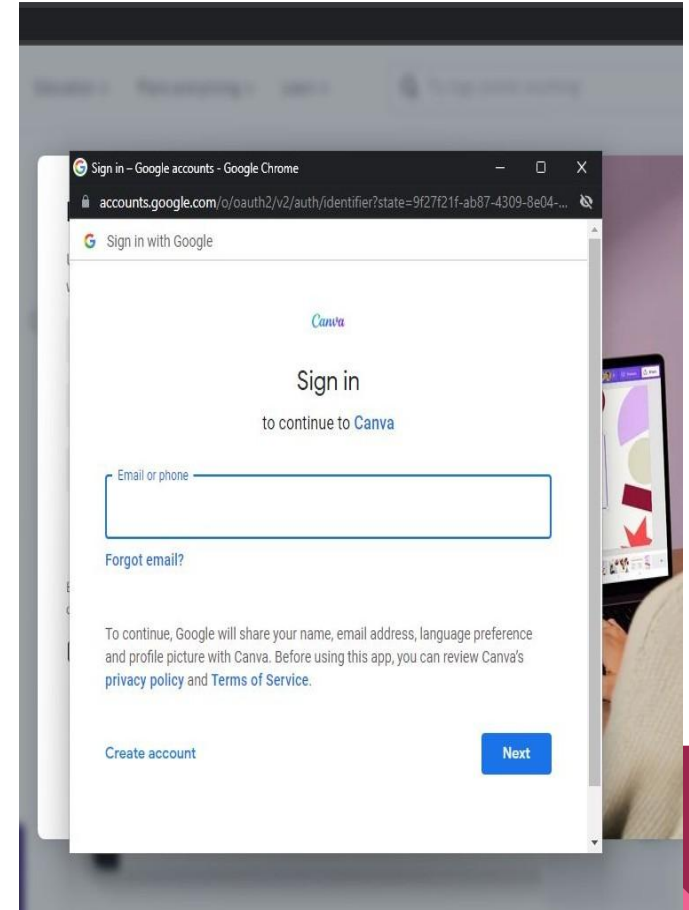
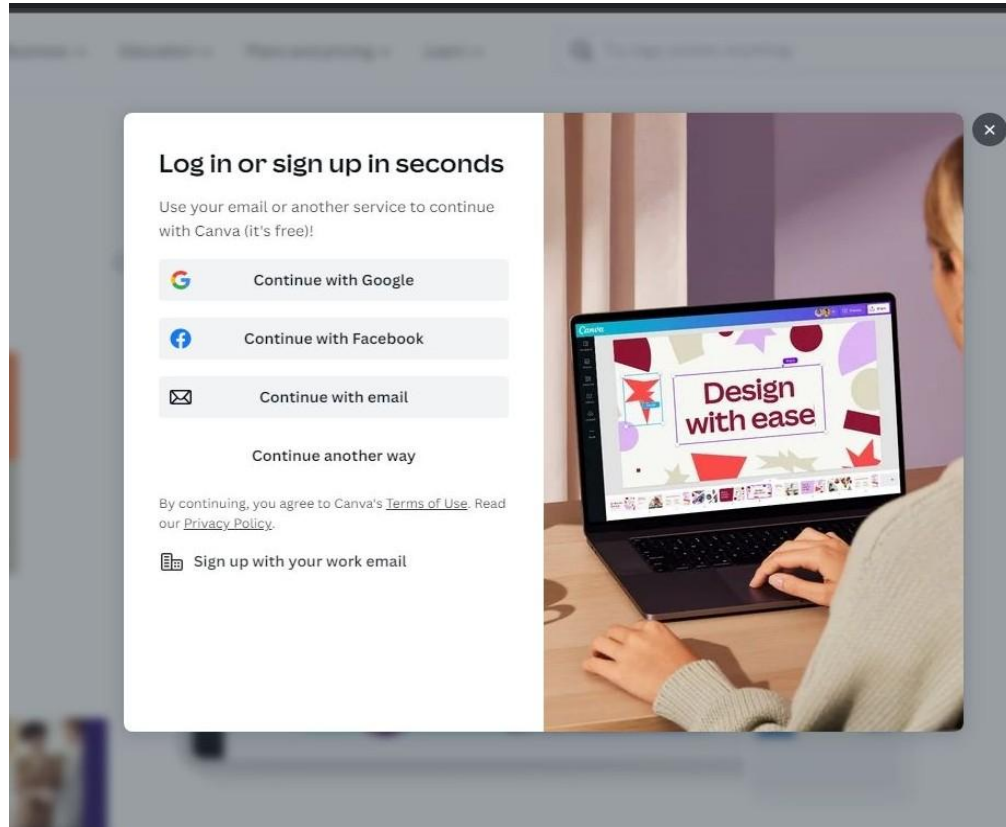
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Canva makes it easy to create professional designs and to share or print them.

Sign up for free



Creating an Account



Canva Homepage



Canva

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<https://creativecommons.org/licenses/by-nc-sa/4.0/legalcode>

Learn



Create a design



Gulshan Mufeed's team

Free • 81

Upgrade to Canva Pro

Home

Magic Studio

Projects

Templates

Brand

Apps

Invite members

What will you design today?

Custom size

Upload

Search your content and Canva's



For you



Docs



Whiteboards



Presentations



Social media



Videos



Print products



Websites



More

You might want to try...



Doc



Whiteboard



Presentation (16:9)



Poster (Portrait - 42 x 59.4 ...)



Flyer (A4 21 x 29.7 cm)



Instagram Post (Square)



Worksheet (

Ready for a glow up?

Choosing Template

The image shows the Canva design interface. At the top, there is a blue navigation bar with a menu icon, 'File', 'Resize', undo/redo icons, and a search icon. On the right side of the bar, it says 'Untitled design - Poster', 'Upgrade to Canva Pro', a user profile icon, a plus sign, a print icon, 'Print with Canva', and a 'Share' button.

The left sidebar is dark grey and contains several sections: 'Design' with a search bar 'Search fonts and combinations'; 'Elements' with 'Add a text box' and 'Magic Write' buttons; 'Brand Kit' with 'Edit' and 'Add your brand fonts' options; 'Default text styles' with 'Add a heading', 'Add a subheading', and 'Add a little bit of body text' buttons; 'Font combinations' with four preview cards: 'FIVE TIPS FOR GREAT SKIN', 'POWER WORKOUT', 'PARKEN MAISE', and 'open DAILY'; and 'Projects', 'Apps', and 'Greetings' sections.

The main workspace is light grey and labeled 'Position'. It features a large white rectangular area with a refresh icon on its right side. Below this area is a '+ Add page' button. At the bottom right of the workspace is a blue circular icon with a star.

The bottom status bar includes a 'Notes' icon, 'Page 1 / 1', a zoom slider set to 21%, a grid icon, a refresh icon, and a help icon.

ADDING ELEMENTS

The image shows the Canva design tool interface. On the left is a dark sidebar with a red box highlighting the 'Elements' section. This section includes a search bar, a filter menu with options like 'Line', 'Frame', 'Arrow', and 'Christmas', and several categories of elements: 'Recently used', 'Lines & Shapes', 'Graphics', 'Stickers', and 'Photos'. A red arrow points from the top of the sidebar to the search bar. The main workspace on the right displays a poster titled 'SIMPLE HABITS THAT WILL MAKE YOU FEEL HAPPIER'. The poster has a white header with a rainbow icon and the title in teal. Below the header are four colored panels: a yellow panel for 'WHAT IS HAPPINESS?', a red panel for 'BE POSITIVE' and 'EAT HEALTHY FOOD', a teal panel for 'GET ENOUGH SLEEP' and 'EXERCISE MORE', and a white panel for 'WHY DO SOME PEOPLE FEEL UNHAPPY?'. The interface includes a top navigation bar with 'Home', 'File', 'Resize', and 'Animate' options, and a bottom status bar with 'Notes' and a 39% zoom level.

ADDING VIDEOS

The screenshot displays the Canva design tool interface. On the left, a dark sidebar contains navigation options: Templates, Elements, Uploads, Text, Projects, Videos, and More. The 'Videos' option is highlighted with a red box, and a red arrow points from the top of the page towards it. Below the sidebar, a search bar is labeled 'Search videos'. The main content area shows a grid of video thumbnails categorized by 'Aerial Shots', 'Nature', 'Business', and 'Beach'. Each thumbnail includes a duration (e.g., 37.0s, 15.0s, 10.0s, 12.0s, 1:58, 17.0s, 12.0s). The top navigation bar includes 'Home', 'File', 'Resize', and 'Share' buttons. The current design is titled 'Blue White Playful Illustration Lifestyle Poster'. The design itself features a white background with a rainbow and stars at the top, followed by the headline 'SIMPLE HABITS THAT WILL MAKE YOU FEEL HAPPIER'. Below this are four colored panels: a yellow panel for 'WHAT IS HAPPINESS?', a red panel for 'BE POSITIVE' and 'EAT HEALTHY FOOD', a teal panel for 'GET ENOUGH SLEEP' and 'EXERCISE MORE', and a white panel for 'WHY DO SOME PEOPLE FEEL UNHAPPY?'. Each panel contains an illustration and a short paragraph of text. The bottom of the interface shows a 'Notes' section, a zoom level of 39%, and various utility icons.

GOOGLE SLIDES

← → ↻ google.com/slides/about/



Google Slides

Overview

Features

Security

Pricing

More tools ▾

Sign in

Go to Slides

Try Slides for Work

Tell impactful stories, with Google Slides



Create, present, and collaborate on online presentations in real-time and from any device.

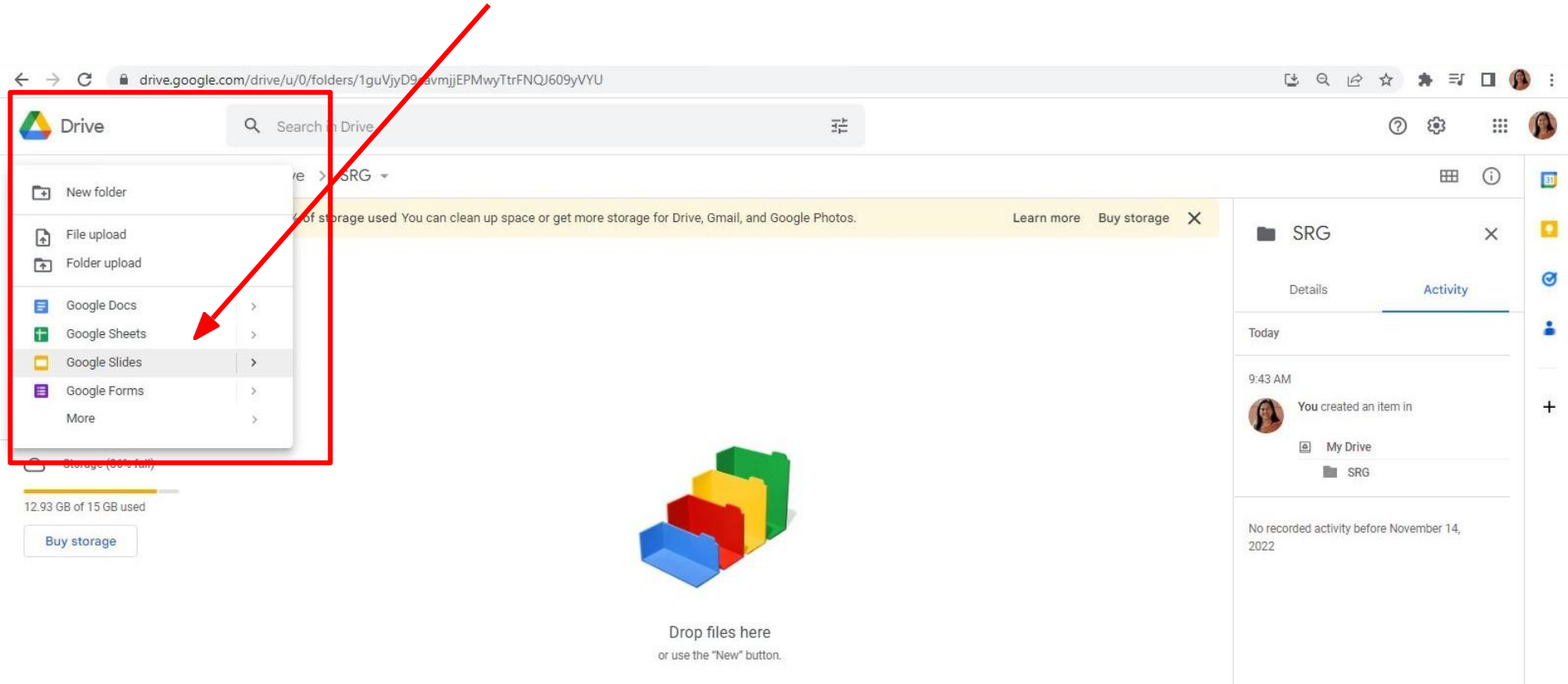
Try Slides for Work

Go to Slides

Don't have an account? [Sign up for free](#)

The screenshot shows a Google Slides presentation titled "Business Proposal". The main slide displays a line chart with the title "Estimated budget". The chart has a y-axis ranging from 0 to 150,000 and an x-axis with four categories labeled A, B, C, and D. The chart shows two data series: a blue line and a red line. A comment box is open over the chart, showing a comment from "Jeffery Clark" with the text "This" and buttons for "Comment" and "Cancel". The presentation interface includes a sidebar with slide thumbnails (slides 12-16), a top navigation bar with "Share" and "Slideshow" buttons, and a bottom status bar with "Click to add speaker notes".

Through Gmail account



The screenshot displays the Google Drive web interface. A red box highlights the 'New' menu on the left side, which is open. A red arrow points from the top of the page to the 'Google Slides' option in the menu. The menu items are: New folder, File upload, Folder upload, Google Docs, Google Sheets, Google Slides (highlighted), Google Forms, and More. Below the menu, a storage usage bar shows '12.93 GB of 15 GB used' and a 'Buy storage' button. The main content area is empty, with a 'Drop files here' prompt and a 'Buy storage' button. The right sidebar shows the 'SRG' folder details and activity log, which is currently empty.

drive.google.com/drive/u/0/folders/1guVjyD9...svmjEPmwyTtrFNQJ609yVYU

Drive Search in Drive

- New folder
- File upload
- Folder upload
- Google Docs
- Google Sheets
- Google Slides
- Google Forms
- More

Storage (86% full)

12.93 GB of 15 GB used

Buy storage

Drop files here
or use the "New" button.

SRG

Details Activity

Today

9:43 AM

You created an item in

My Drive

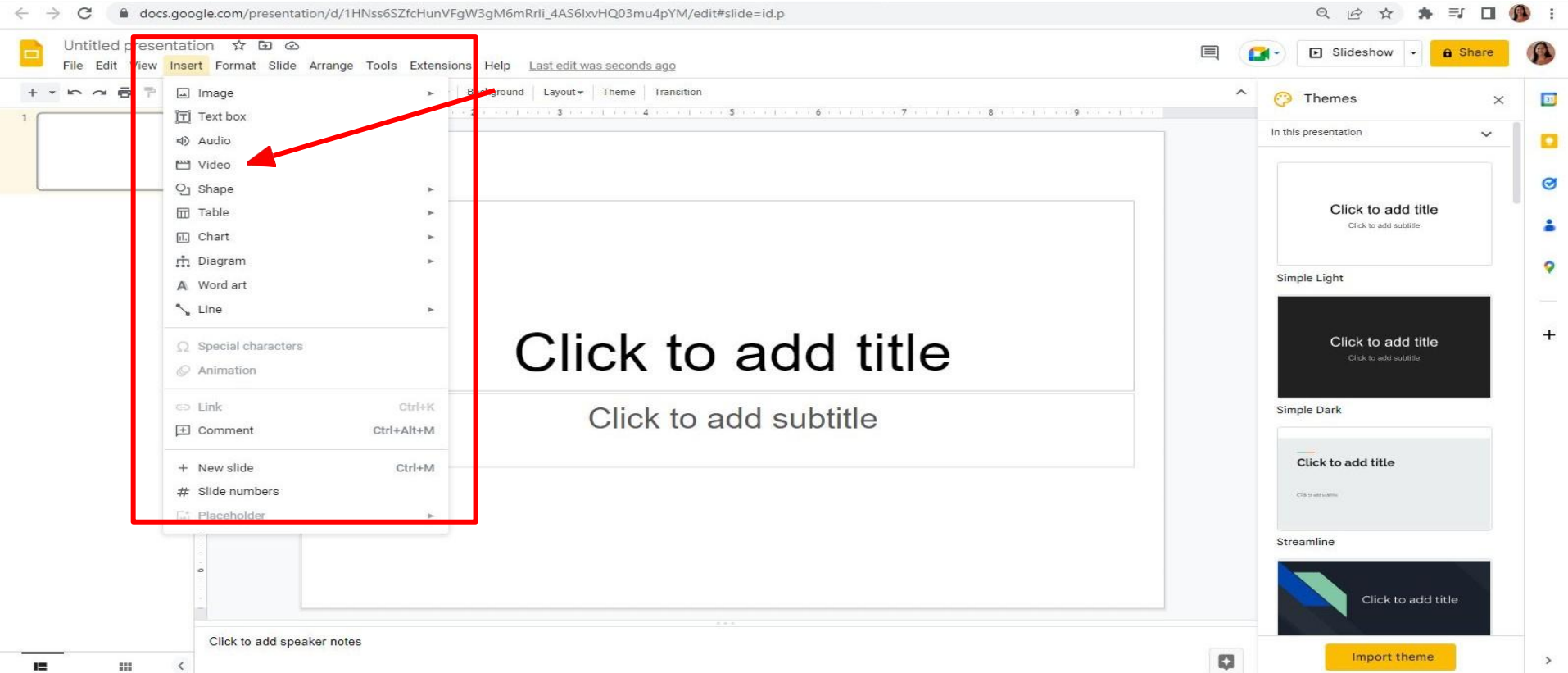
SRG

No recorded activity before November 14, 2022

Page Setup

The image shows a screenshot of the Google Slides web interface. The browser address bar at the top displays the URL: docs.google.com/presentation/d/1HNss6SZfcHunVFgW3gM6mRrji_4AS6kvHQ03mu4pYM/edit#slide=id.p. The main menu includes File, Edit, View, Insert, Format, Slide, Arrange, Tools, Extensions, and Help. The toolbar contains various editing tools, and the right sidebar shows the Themes panel with options like Simple Light, Simple Dark, and Streamline. A 'Page setup' dialog box is centered on the screen, featuring a 'Custom' dropdown menu, two input fields both containing the number '10', and a unit dropdown menu set to 'Inches'. The dialog box also includes 'Cancel' and 'Apply' buttons at the bottom.

Insert various media types



The image shows a screenshot of the Google Slides web interface. The browser address bar at the top displays the URL: docs.google.com/presentation/d/1HNss6SZfcHunVFgW3gM6mRrli_4AS6lxvHQ03mu4pYM/edit#slide=id.p. The main menu bar includes File, Edit, View, Insert, Format, Slide, Arrange, Tools, Extensions, and Help. The 'Insert' menu is open, and a red box highlights the options: Image, Text box, Audio, Video, Shape, Table, Chart, Diagram, Word art, Line, Special characters, Animation, Link, Comment, New slide, Slide numbers, and Placeholder. A red arrow points to the 'Video' option. The central slide area contains a large text box with the placeholder text 'Click to add title' and 'Click to add subtitle'. On the right side, the 'Themes' panel is visible, showing several theme options like 'Simple Light', 'Simple Dark', and 'Streamline'. The bottom status bar includes a speaker notes section with the text 'Click to add speaker notes'.

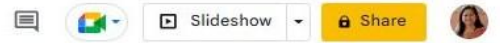
Insert various Types of Diagrams

presentation/d/1HNss6SZfcHunVFgW3gM6mRrli_4AS6lxvHQ03mu4pYM/edit#slide=id.g18c620aa73f_0_460

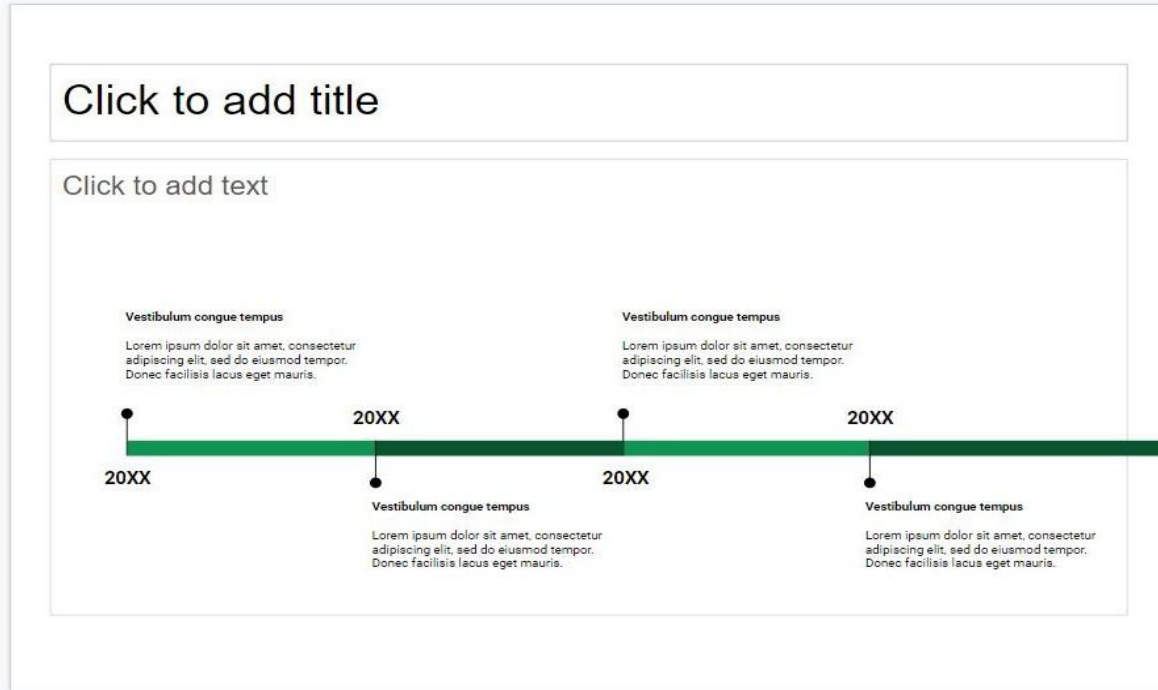


Saved to Drive

Slide Arrange Tools Extensions Help [Last edit was seconds ago](#)



Background Layout Theme Transition



Timeline

Dates: 4

Color: [Color Picker]

Timeline styles: 4 options (horizontal, vertical, etc.)

Timeline preview: [Timeline diagram with text blocks]

Timeline table: [Table with 4 columns and 4 rows]

Timeline diagram: [Flowchart diagram]

Saved to Drive

Slide Arrange Tools Extensions Help Last edit was seconds ago

Background Layout Theme Transition

Share button and other utility icons.

Click to add title

Click to add text

Vestibulum congue tempus

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.



Vestibulum congue tempus

1 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.

Vestibulum congue tempus

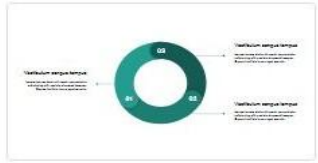
3 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.

Process

Steps and Color selection controls.



Text content for a slide, including 'Lorem Ipsum Dolor' and a green callout box.



Vertical sidebar with various utility icons.

Inserting Videos


google.com/presentation/d/1HNss6SZfcHunVFgW3gM6mRri_4AS6lxvHQ03mu4pYM/edit#slide=id.g18c620aa73f_0_640


Insert Format Slide Arrange Tools Extensions Help Last edit was seconds ago

Background Layout Theme Transition

Insert video

Search By URL Google Drive

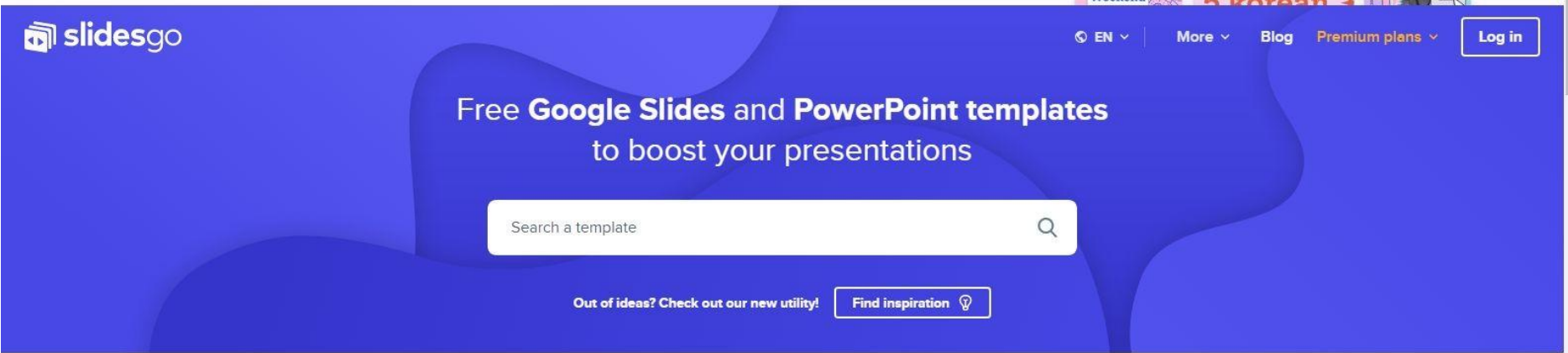




Live Interaction on PMeVIDYA : Financial literacy: Insurance
#Financial literacy: Insurance Subject: Social Science Class: IX Email:- dth.class9@ciet.nic.in Special Live Telecast on Dealing with exam Stress and Anxiety...
MANODARPAN an Initiative of Ministry of Education for Psychosocial Support and Mental Well-being of Student.. at 2:30PM - 4:00PM every Friday.... The viewers may
25 min - Nov 12, 2022

Grid Hierarchy Timeline Process Relationship

Slidesgo: <https://slidesgo.com/>



The header of the Slidesgo website features a dark blue background with white text. On the left is the Slidesgo logo. On the right are navigation links for 'EN', 'More', 'Blog', 'Premium plans', and a 'Log in' button. The main heading reads 'Free Google Slides and PowerPoint templates to boost your presentations'. Below this is a search bar with the placeholder text 'Search a template' and a magnifying glass icon. At the bottom of the header is a button that says 'Out of ideas? Check out our new utility! Find inspiration' with a lightbulb icon.

Color ▾ Style ▾ Recent Popular Multi-purpose Business Marketing Medical Education Infographics

<https://slidesgo.com/theme/animals-life-cycle-class#search-Lesson&position-9&results-53>

Trending searches



Waiting for accounts.google.com...

Some Examples

<https://slidesgo.com/theme/arrow-timeline-infographics#search-timeline&position-14&results-42&rs=search>

<https://slidesgo.com/theme/tv-series-social-media#search-media&position-5&results-20&rs=search>

<https://slidesgo.com/theme/causes-of-global-warming-lesson-for-elementary#search-School&position-5&results-1239>



Creations by
Sri Sathya Sai Vidya Vahini

https://drive.google.com/drive/folders/1WcFudtZjdsWgf4_8c3ldidNWmmaQgCbm

<https://app.napkin.ai/signin>

<https://www.drawio.com/>

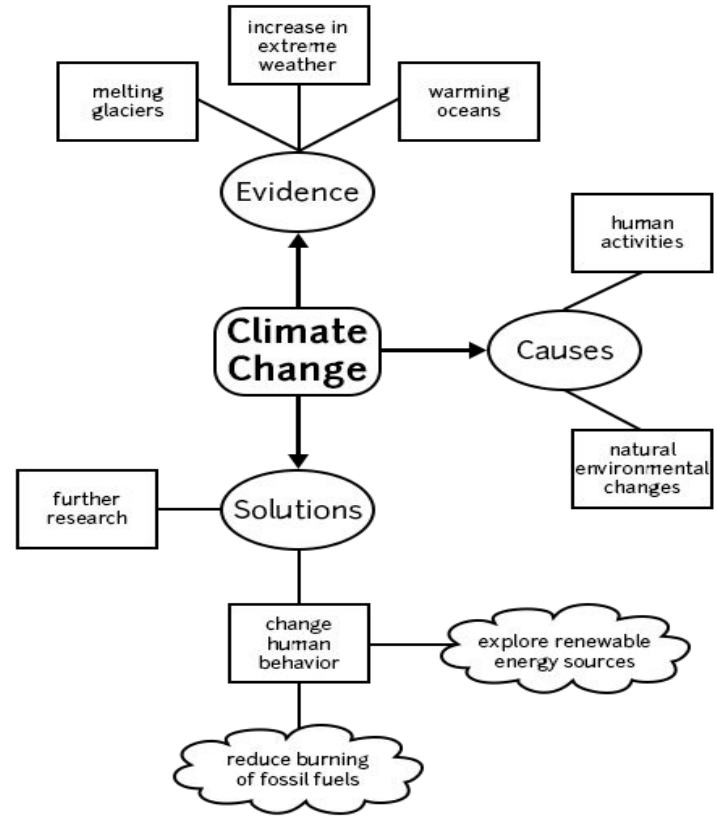
google drawings

google sites

Creating Mindmaps & Concept Maps

(Concept Maps)

Concept maps begin with a main idea and then branch out to show the relationship between different ideas by breaking the main idea down into specific themes. This helps you understand how they are connected.



Source: <https://learningcenter.unc.edu/tips-and-tools/using-concept-maps/>

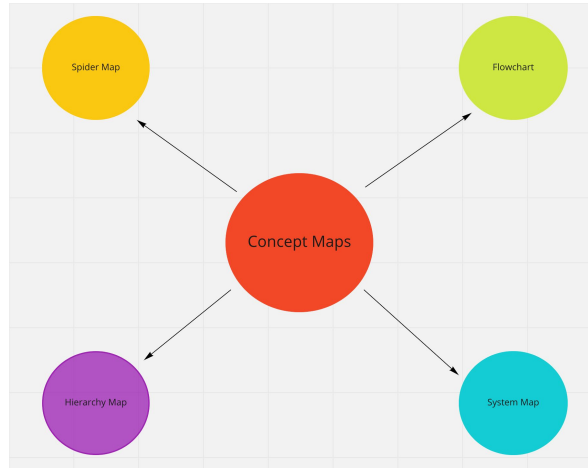
Components of concept maps

Concept map whether simple or complex is made up of two key elements i.e. **Concepts & Relationships**

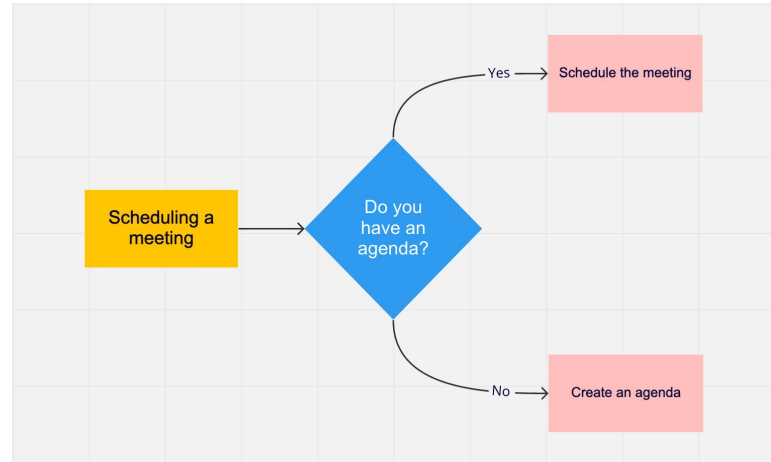
- 1) **Concepts:** Concepts are usually represented by circles, ovals or boxes and are called "nodes".
- 1) **Relationships:** These are represented by arrows that connect concepts, and arrows often include a connecting word or verb (but they don't have to). These arrows are called "cross-links".

Types of Concept maps

SPIDER MAP

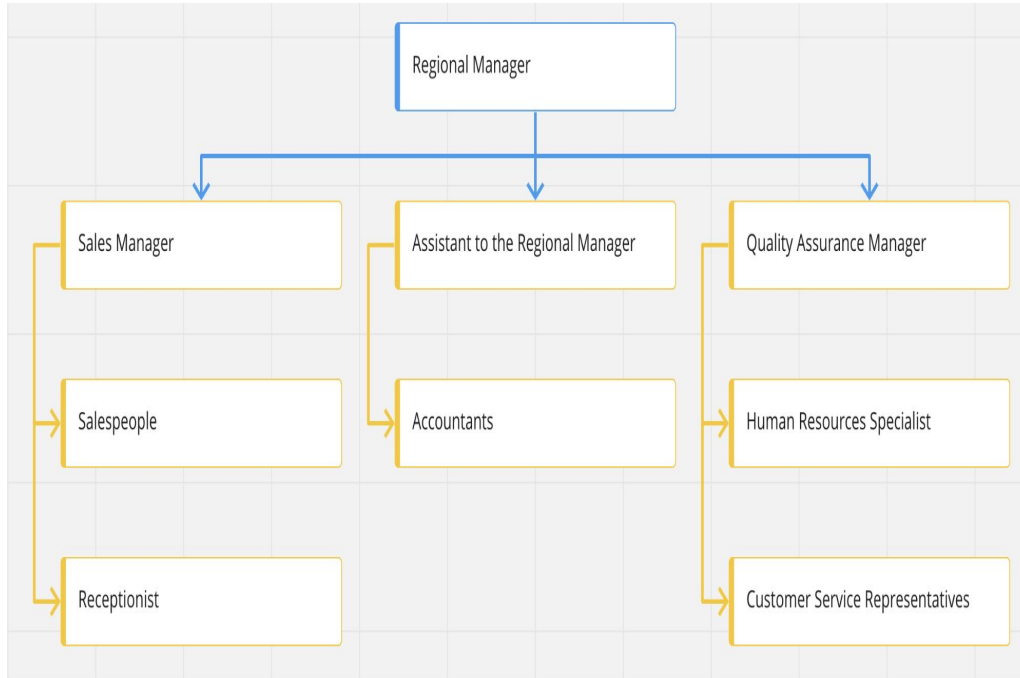


FLOW CHART



Source: <https://miro.com/blog/what-is-concept-map/>

HIERARCHY MAP

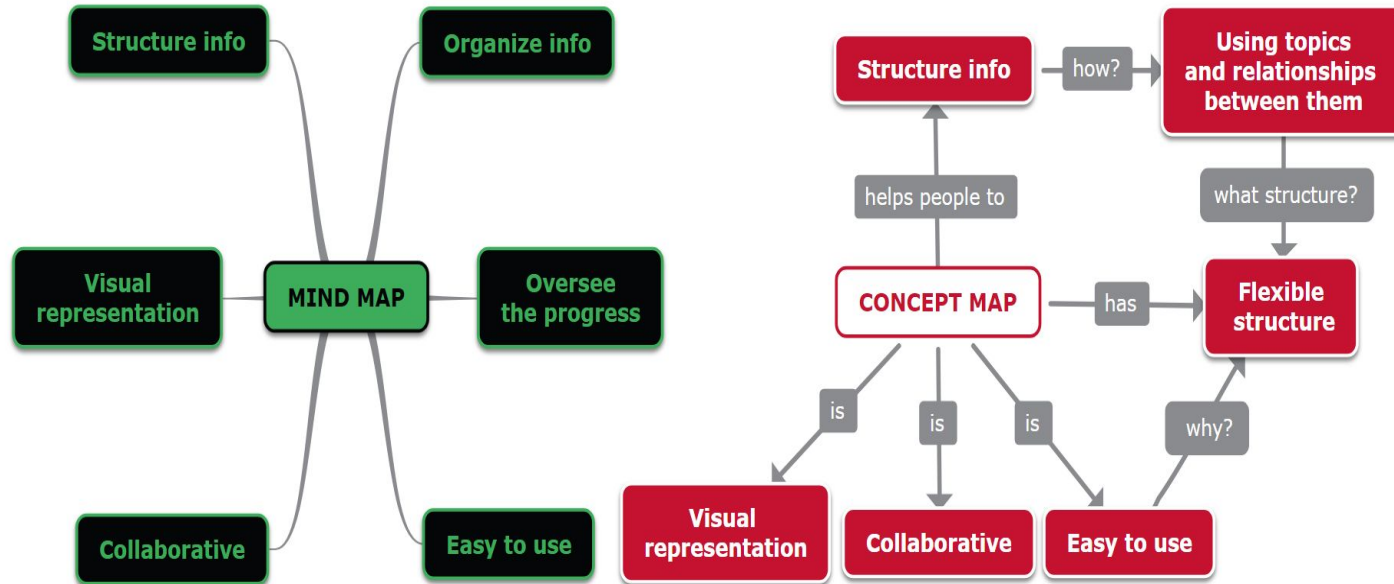


SYSTEM MAP



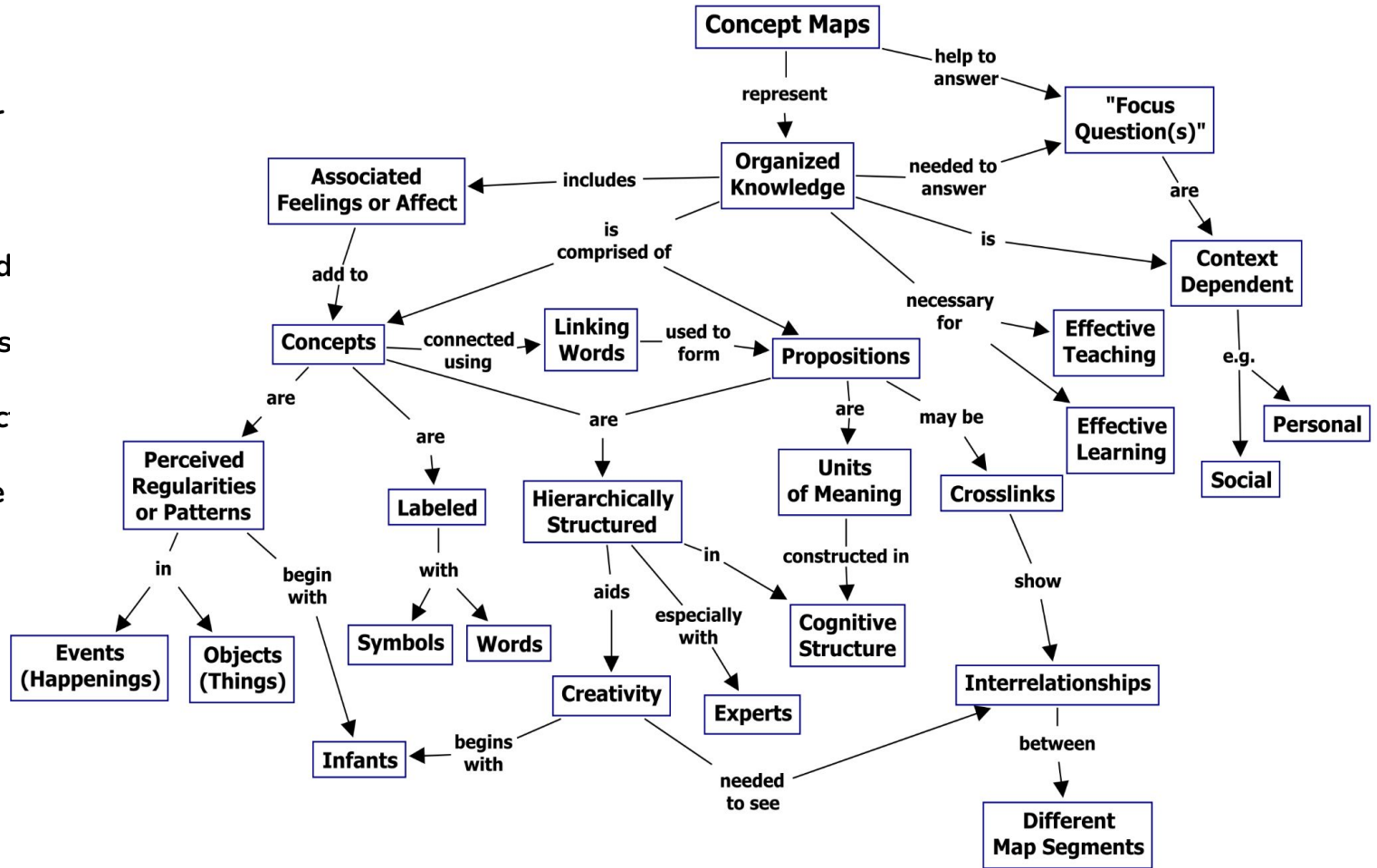
Source: <https://miro.com/blog/what-is-concept-map/>

Difference between Mindmap and Concept map



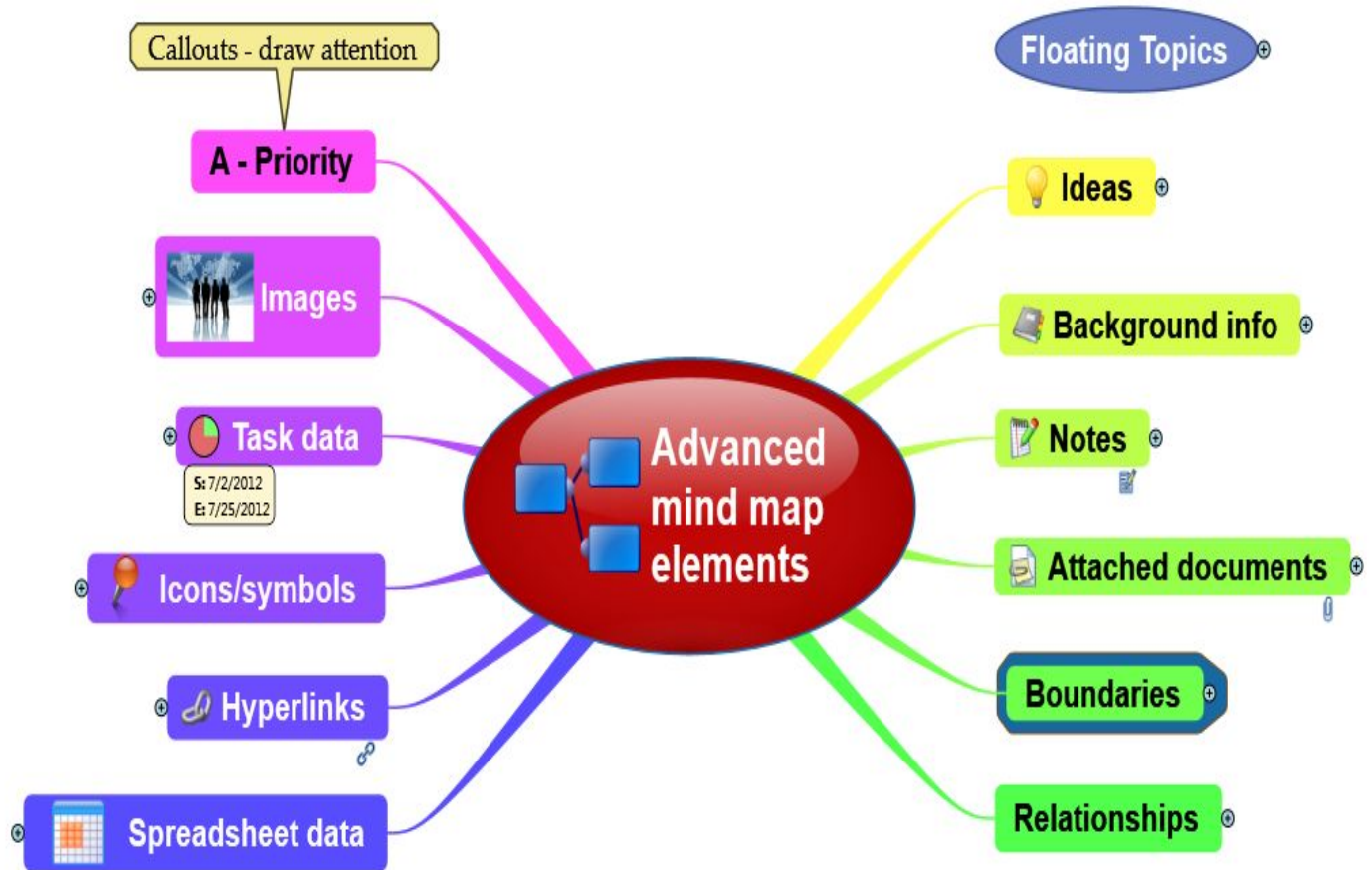
Concept Maps:

A concept map or conceptual diagram is a diagram that depicts suggested relationships between concepts. It is a graphical tool used to depict the relationship between multiple concepts.



Mindmaps:

A mind map is a diagram used to visually organize information. A mind map is hierarchical and shows relationships among pieces of the whole. It is often created around a single concept, drawn as an image in the center of a blank page, to which associated representations of ideas such as images, words and parts of words are added.



(Online Concept mapping tools)

- [Bubbl.us](https://bubbl.us)
- [Popplet](https://popplet.com)
- [MindMup](https://mindmup.com)
- Creately
- Coggle
- Lucidchart
- [MindMeister](https://www.mindmeister.com)
- Mindomo
- Spiderscribe

Use of Concept mapping

- By using concept-mapping technique the learner is not only passive, but also active in the learning process
- Constructs learned ideas and information, and meaningfully able to relate the concepts learned.
- Students can organize and present their knowledge on any topic.
- Students can learn with better vision,It helps students see the big picture

(Comparison Table of Top Mind Mapping Tools)

Mindmap software	Platform	Use	Import/Export Files
EdrawMind	Windows, Mac, Linux, Android, iOS, Web-based.	Mind mapping, brainstorming, presentation, project management, make outlines, team collaboration.	Import: Word, HTML, Markdown, MindManager, XMind, FreeMind. Export: Images, PDF, MS Word, Excel, PPT, HTML, SVG, MindManager.
Mindomo	iPad, Windows, Mac, Android, Linux	For concept mapping and education.	You can import Image, Audio, & Video
FreeMind	Windows Mac Linux	Maps, Charts, Diagrams.	The file can be exported as PDF, image, and HTML.
MindManager	Windows Mac	Maps, Charts, Diagrams.	Files, links & related notes can be connected.
Lucid Chart	Web-based	Flowcharts, process maps, and much more.	Live data can be connected or imported.

Bubbl.us	Web-based	Mapping, Outlining, Big Data Presenting.	You can import files and images.
MindMup	Web-based	Mind maps.	You can add images and attach files. Convert maps to PDF, Powerpoint presentations, outlines.
Coggle	Web-based	Flowcharts, Process maps & other diagrams.	You can add any number of images.
XMind 8	Windows Mac OS	Mind mapping Business Charts.	Maps can be exported to the image, PDF, Word, Excel, Powerpoint, HTML, RTF, Plain Text, SVG etc.
MindGenius	Windows	Mind mapping, Project management, Brainstorming.	It supports PDF, Word, Excel etc.
Creately	Windows Mac Android iOS	Flowcharts, UML, Mockups etc.	Visio Files Export as PDF, image, SVG file.

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The free way to turn boring data into an engaging infographic

Before easelly

Deliverable	Description	Stage	Definition
Stakeholder Storage Matrix	Brief and/or initial ideas carrying storage value propositions, benefits and/or revenue available also	Preparation	Pre-sell, first day/first four month activity activates the new employee to the culture, work environment, and introduce to policy procedures and other available.
New product value gaps	Brief and/or initial ideas carrying value prop for new product	Discovery	Will have Employee Orientation and Pre, Core Benefits training and department specific.
New product hardware value	Overview of physical hardware configuration and/or value proposition discussion	Validation	Employee development planning by super employee introduction to all staff developer leading to LEAD or ASPING.
Product messaging for social awareness campaign for each an email blast		Test	Developing primary awareness, building relationships, meeting performance aspect contributing to the discovery process.
Product messaging for a product campaign or posting		End user customer: DP value technical	Monitoring and measuring the effectiveness of the onboarding process.

To better serve BC's small business community, Small Business BC offers for members in its services, education, seminars, events and special initiatives.

Small Business BC made an effort satisfaction by providing excellent customer service supported with a wide range of products and services to meet the changing needs of small business owners. Throughout the year, client satisfaction remained above 91 percent paralleling the performance of the previous three years.

A total of 10,622 clients were served by Small Business BC in 2014-15, a 16 percent increase over last year. This includes 20,210 phone calls, 12,519 phone inquiries and 2,217 clients served through a small. Small Business BC also saw a 22 percent increase in returning walk-in clients and a 66 percent increase in client inquiries.

By, Small Business BC's client surveys demonstrated an increase client retention and satisfaction, with clients rating our services the most, a 6 percent over the previous year.

We focus on quality and affordable education. Small BC offered 289 seminars in 2014-15 serving a total of 7,187 clients via seminar and webinar, a 22 percent increase over the previous year.

After easelly



Easelly is a simple infographic maker that lets you visualize any kind of information.

SAMPLE TEMPLATES

easelly

Pricing ▾ Getting Started ▾ Groups

Upgrade to Pro



Categories of Templates

Public Templates

Search for Keywords

Categories ▾

- Categories
- Resume
- Timeline
- Process
- Comparison
- Food
- Social Media
- Health
- Report
- Financial
- Real Estate
- Misc
- Business
- Marketing
- Holiday
- Environment
- Science
- Checklist
- Sales
- Executive

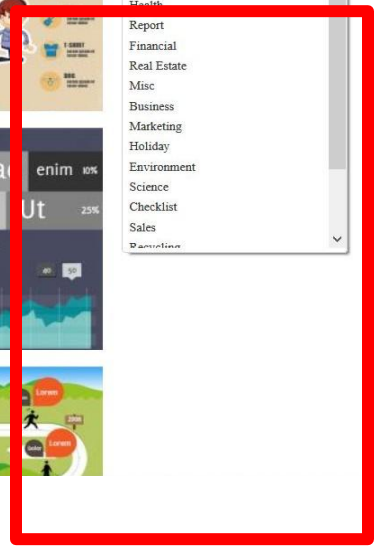
+ New Design

Design Order

Dashboard

Templates

Chat!



TOOL BAR

The screenshot displays a presentation software interface. At the top, a navigation bar includes a back arrow, 'File', 'Resize', 'Download', 'Save', 'Comparison', undo and redo arrows, 'Public', 'Preview', 'Share', and a user profile icon. On the left, a dark sidebar menu is highlighted with a red border, listing 'Images', 'Text', 'Background', 'Templates', 'Charts', and 'Videos'. The main area shows a slide titled 'CHANGES AROUND US' with a sub-section 'Physical'. The slide content includes definitions of physical and chemical changes, and examples: 'Chalk dust', 'Boiling of water', 'Rusting of Iron', and 'Burning of wood'. A zoom control in the bottom right shows '100%'.

File Resize Download Save Comparison Public Preview Share

- Images
- Text
- Background
- Templates
- Charts
- Videos

CHANGES AROUND US

Physical

A change in which a substance undergoes a change in its physical properties is called a physical change.

A change in which one or more new substances are formed is called a chemical change.

Chalk dust

Boiling of water

Rusting of Iron

Burning of wood

100%

vue: *<https://vue.tufts.edu/>*