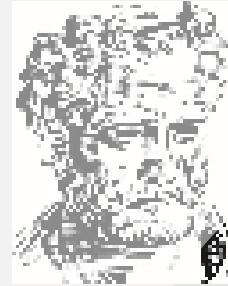


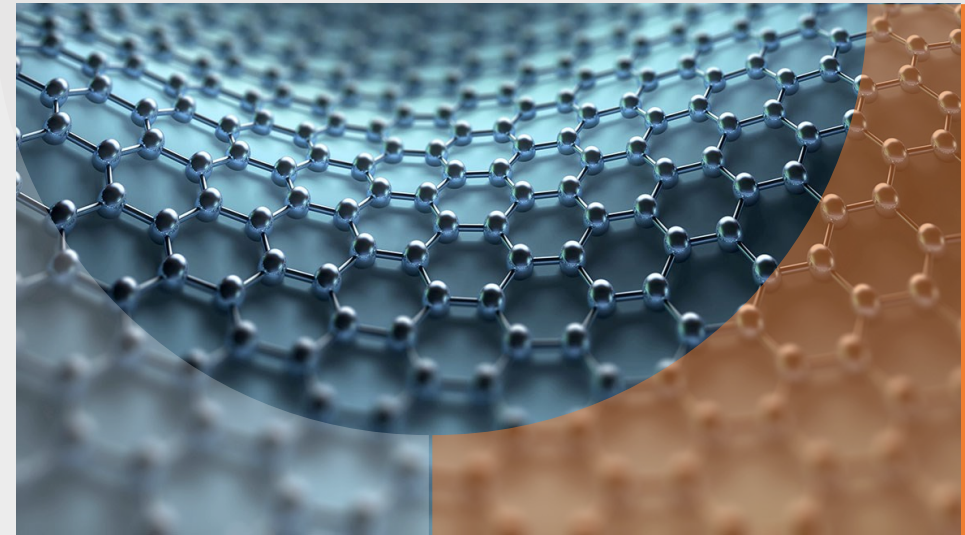
English for Computer Science WebTools for Digital Content Creation

Instructor: Chrysoula Lazou



DEPARTMENT OF INFORMATICS
SCHOOL OF SCIENCE

DEMOCRITUS UNIVERSITY
OF THRACE





- Polling – (Google forms, [PollEverywhere](#), [Mentimeter](#), [SurveyMonkey](#))
- Brainstorming – ([AnswerGarden](#), Mentimeter)



Examples of multimodal presentations



Multimodal presentations

Illustrations, diagrams, pictures

Timelines

Concept maps

Wordclouds

Infographics

Interactive posters



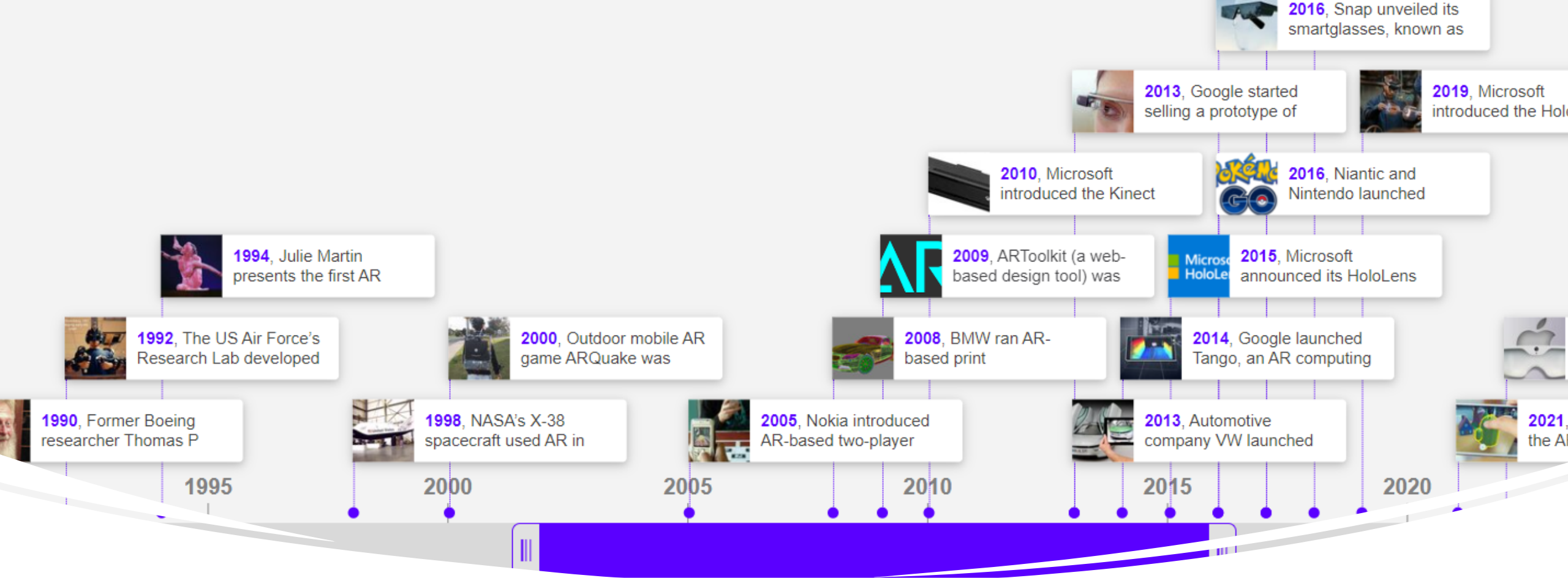
Timelines

Tiki Toki

- 3D timeline maker
- A web application that enables interactive 3D presentations. It allows the classification of entries by thematic field.

Πηγή: <https://www.tiki-toki.com/>





Timelines

- [Timetoast](#)

Easy-to-use web application for creating timelines containing photos, text, and hyperlinks leading to additional information. The presentation of the entries is displayed in a continuous stream and can be viewed in a timeline or list format.



Atlanta in ruins after Sherman's passage in

steadily and rapidly, with a cheery spirit
pace that made light of the thousand miles
between us and Richmond.

truck up the anthem of "John Brown's Soul
g On". My men were singing with such

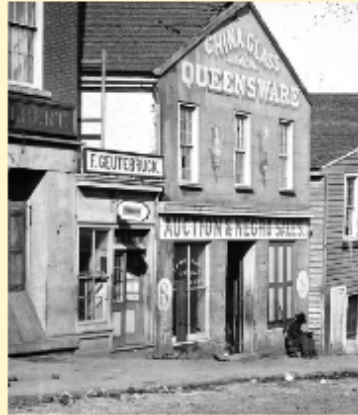
Warfare

convinced that the preservation of the
contingent on defeating the Southern armies
most importantly, on destroying their
psychological will to wage war. His
defined as "modern warfare."

11-16-1864

Behind us lay Atlanta, smoldering and in
smoke rising high in air, and hanging like
ruined city.

Share



An African American Union soldier sits in
auction house on Whitehall Street in Atlan
capture of the city in 1864. The sign reads
"Negro Sales".

Share

John Brown's Body



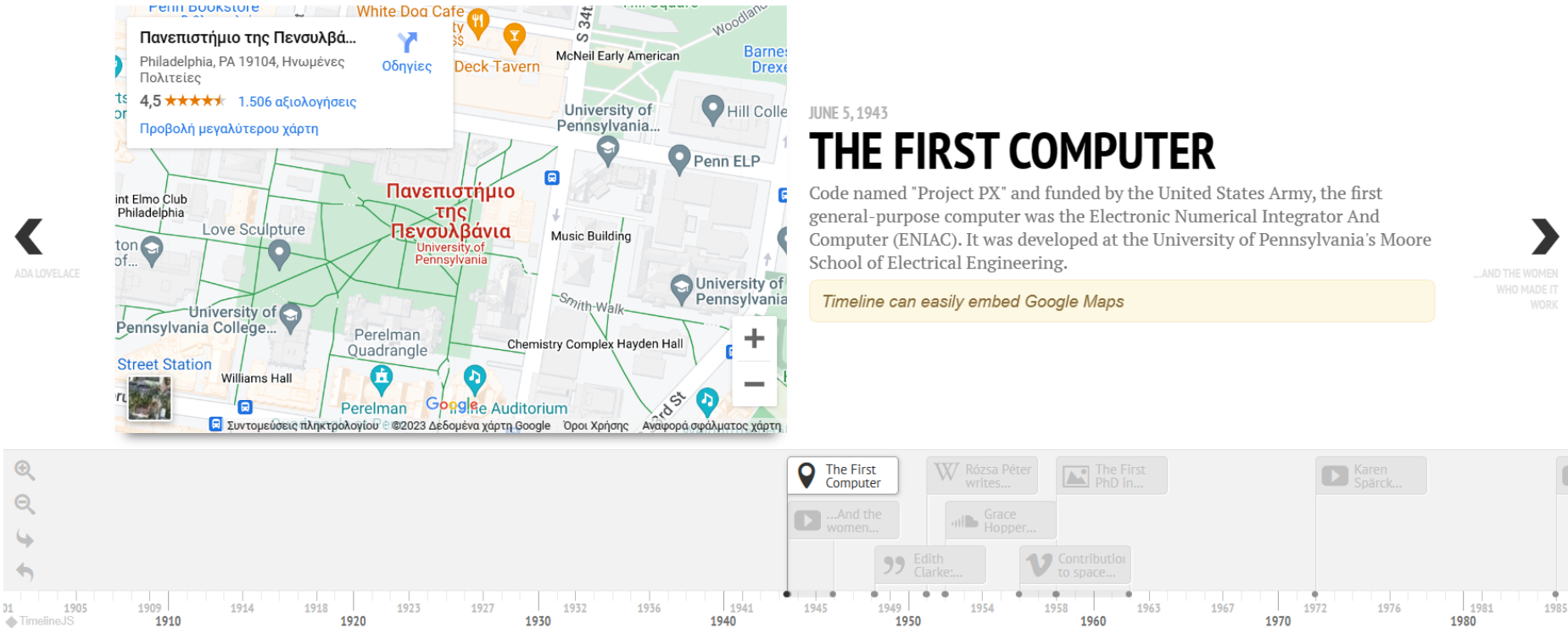
The song belonged to a young Scotsman
Massachusetts Volunteer Militia. The son
other units and came to be associated w
the famous abolitionist who was captured
Ferry. (Source - PBS)

Share

11-16-1864

Timelines

- Sutori (<https://www.sutori.com/>)
- Sutori is an online collaborative tool that allows teachers and students to create customized interactive timelines containing information, images, videos and hyperlinks to websites. The tool enables the integration of multiple choice and/or matching questions, which give a more interactive character to the presentation.



TimelineJS

- TimelineJS (<https://timeline.knightlab.com/>)
- It is a web-based (free and open-source software) application through which one can create impressive interactive timelines via Google Docs.



Some more timeline creation tools...

- Prezi (<https://prezi.com/>)
- This is a free online tool that allows for impressive, non-linear projection of our slides. With this tool we can also create timelines through the timeline template..
- ReadWriteThink (<http://www.readwritethink.org>)
- Teachers and students have the opportunity to create graphical representation of an event or process by sequencing the events. Timelines can be organized by time period, date or event. The tool allows for text and image input.
- myHistro (<http://www.myhistro.com/>)
- This is a web-based application for creating timelines with simultaneous display of maps. The application enables the association of entries with locations in Google Earth and viewing them in a continuous stream

WordClouds

- [Wordle](#)
- [Wordart](#)
- Mentimeter
- users create a simple visual image depending on how often words appear in the text, and with the "random" option they can modify their clouds with different fonts and layouts, with a variety of layouts and colours



Interactive posters/infographics



[Thinglink for Higher Education](#)

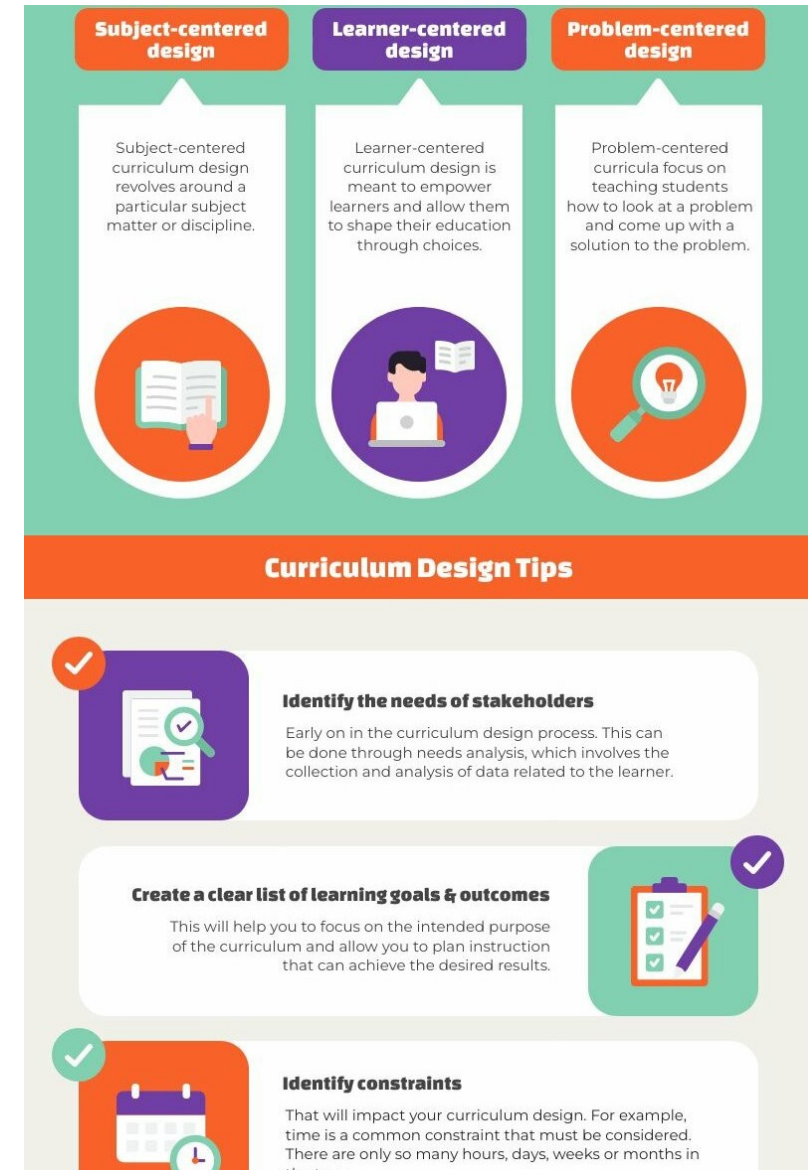
- A well-known and easy to use online interactive poster builder is Thinglink. It offers users the possibility to add a variety of multimedia elements: music, text, video, and links, as well as to create virtual tours. There is a sharing/sharing option. Thinglink encourages the visual representation of ideas and the cultivation of creative expression.

Piktochart

PiktoChart

(<https://piktochart.com/formats/posters/>)

PiktoChart is considered a remarkable interactive graphics and poster tool that offers a variety of templates to build. It allows for adding links and text on top of the images, as well as the ability to distribute them to blogs and social media. The free version offers limited features, mainly in the allowed number of image uploads.

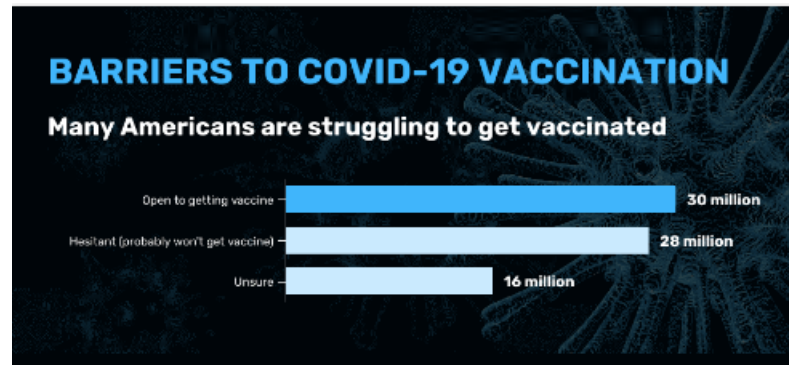


Venngage

- [Venngage](#)

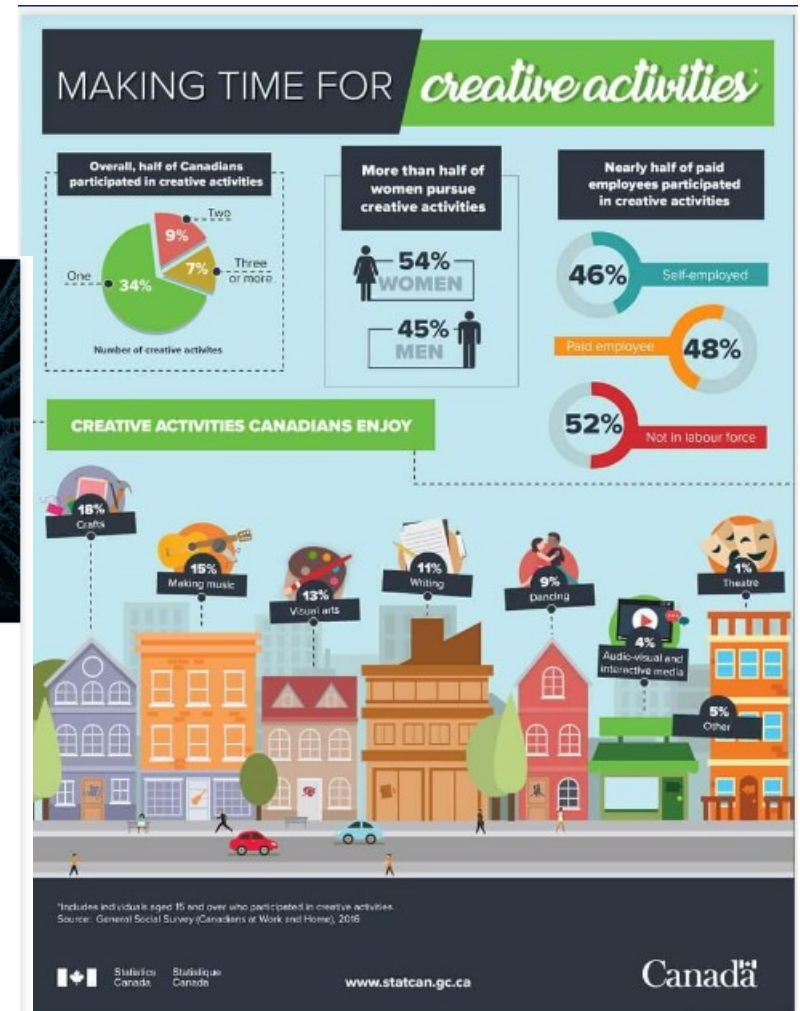
9 of the most popular types of infographics are:

1. [Process infographics](#)
2. [Statistical infographics](#)
3. [Informational infographics](#)
4. [Timeline infographics](#)
5. [Geographic infographics](#)
6. [Comparison infographics](#)
7. [Hierarchical infographics](#)
8. [List infographics](#)
9. [Resume infographics](#)



Social factors impact vaccination

Social determinants of health are non-medical factors that influence health outcomes. They are the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping these conditions. *These factors account for between 30-55% of health outcomes*



Canva

Very easy-to-use tool that allows the creation of infographics with choice of design parameters, font, colours, etc. with the possibility of printing or sharing.

TIMELINE DESIGN PROCESS

1 UNDERSTAND

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2 DEFINE

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3 IDEATE

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5 PROTOTYPE

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5 Reasons you should use an INFOGRAPHIC

1

To increase engagement:
Infographics can be more engaging than text-based content, as they use visual elements such as images, charts, and graphics to grab the viewer's attention.



2

To simplify complex information:
Infographics can help to present complex data and information in a clear, concise, and easy-to-understand format.



3

To increase brand awareness:
Infographics can be used as a marketing tool to increase brand awareness and showcase a company's expertise in a specific field.



4

To explain a process:
Infographics can be used to explain a process or procedure in a clear and simple manner.



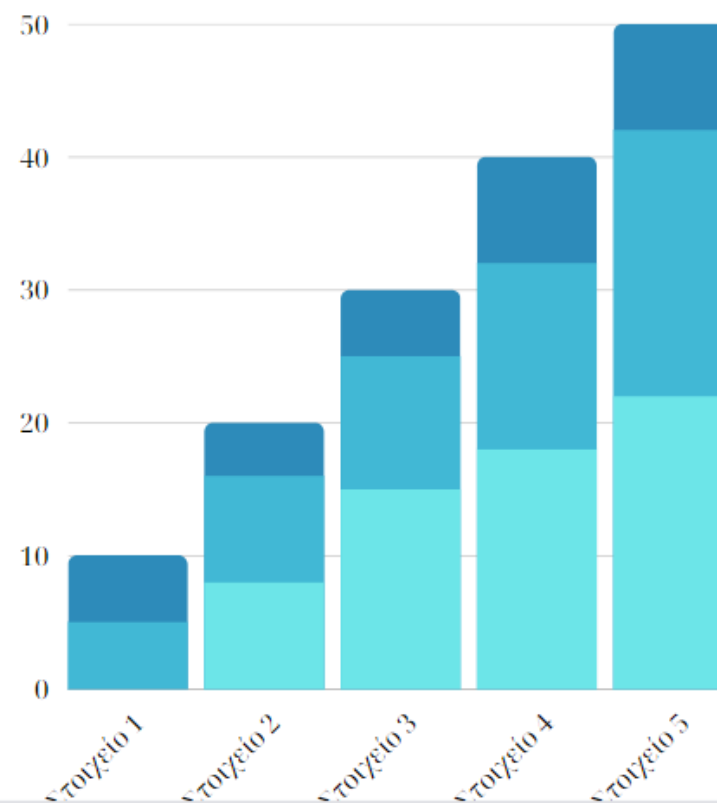
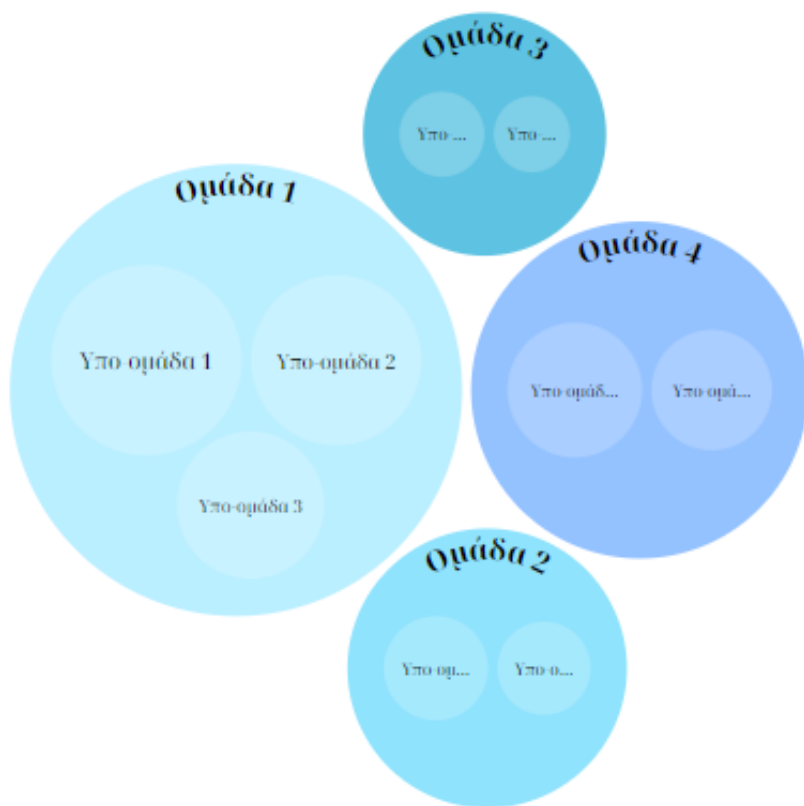
5

To make data more accessible:
Infographics can be used to make data more accessible to a wider audience by presenting it in a visual format.



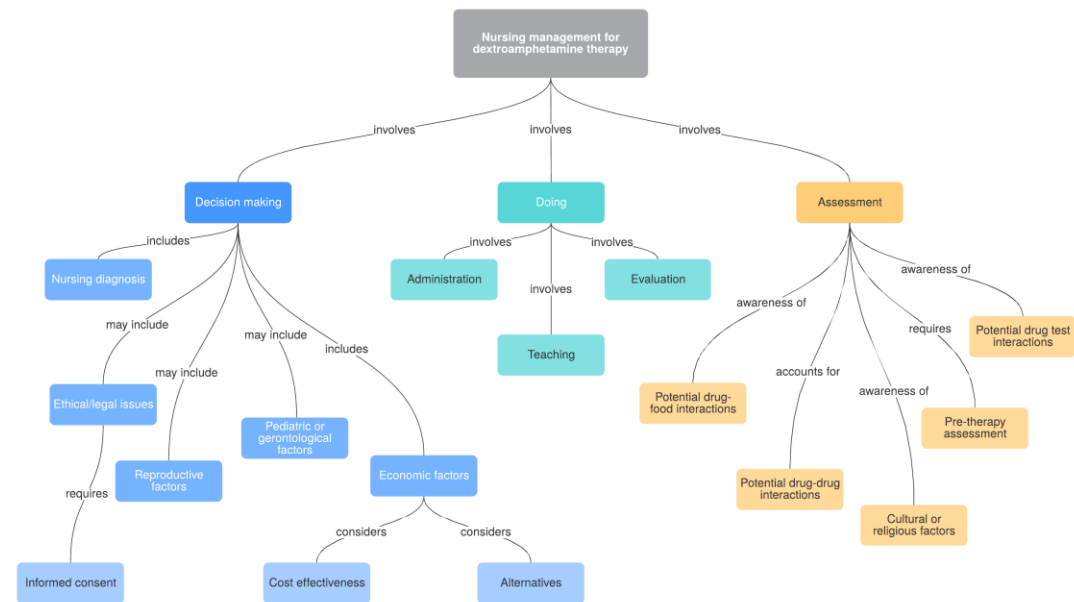
reallygreatsite.com

Interactive Graphics with Canva



Concept maps

- Conceptual maps, also known as mind maps or association diagrams, are graphical tools used to visualise and organise ideas, concepts, data and the relationships between them. These maps are a powerful tool for education and can improve comprehension, learning and memory, as well as facilitate creative thinking and planning.



Examples of web tools for Concept maps



- [Cmap](#): has a useful set of tools that allow users to create complex conceptual maps in different styles and colours. In addition, the software offers sharing and collaboration features, allowing multiple users to work on a concept map at the same time.
- [Coggle](#): a simple and easy-to-use application for creating concept maps, which allows users to share their maps with others.
- [Mindomo](#): a flexible and easy-to-use tool that helps users organise their ideas, develop connections and visualise complex information in a structured way.
- [Lucidchart](#): although best known for creating flowcharts and graphs, Lucidchart also provides capabilities for creating conceptual maps

Powerpoint Presentations - Tips



Avoid using pictures as backgrounds, as they can make it difficult to read the texts.



Avoid putting too much information on a slide. Use no more than two types of fonts, with the first for the title and the other for text.



Use clear, legible fonts, such as Arial, Calibri, and Tahoma.



Choose appropriate font sizes, preferably 14-point font sizes that are suitable for visually impaired users.



Avoid using italics for emphasis; instead, use boldface or underlining.



Ensure that illustrations are in sharp focus and consider the quality of the images.

Thank you!

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chrlazo@cs.duth.gr

