

Audiovisual and graphic content for teaching

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7. Specific guidelines about audiovisual content.

1. Introduction

- Audiovisual and graphic content is becoming a **powerful tool** in the teaching and learning process.
- Audiovisual and graphic content can be used not only as an external support in **face-to-face teaching** but also for organizing an **online or blended learning** setting.
- Audiovisual and graphic content helps to keep **students' attention** and to **understand some disciplinary contents**.

1. Introduction

- Teachers must be able to **search and design audiovisual and graphic content** that supports their teaching and assist students' learning.
- The **quality** of the audiovisual and graphic content for teaching also influences the learning process.
- Some guidelines about where to **search and select** (in case they already exist) or how to **design and edit** audiovisual and graphic content for teaching are necessary.
- Different **software** can be used for this purpose.

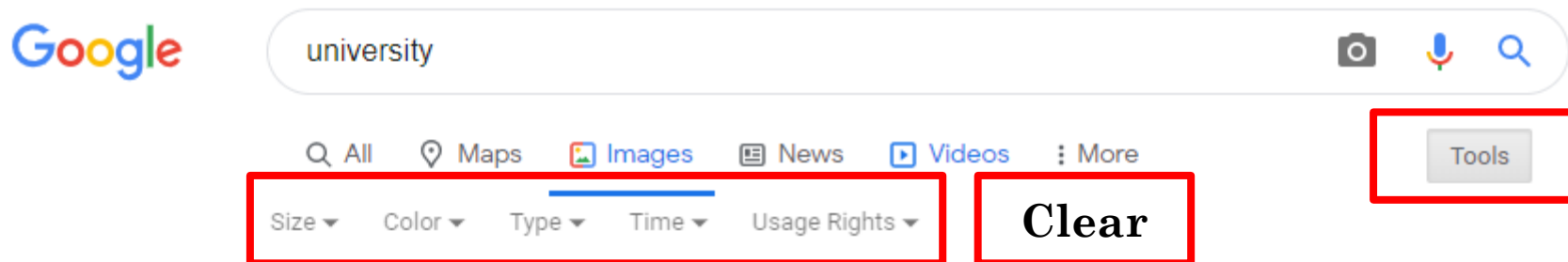
2. Image search: Google Images

- Access <https://images.google.com/>
- Search criteria: **university**



2. Image search: Google Images

- Tools to control **Size, Color, Type, Time** and **User Rights**



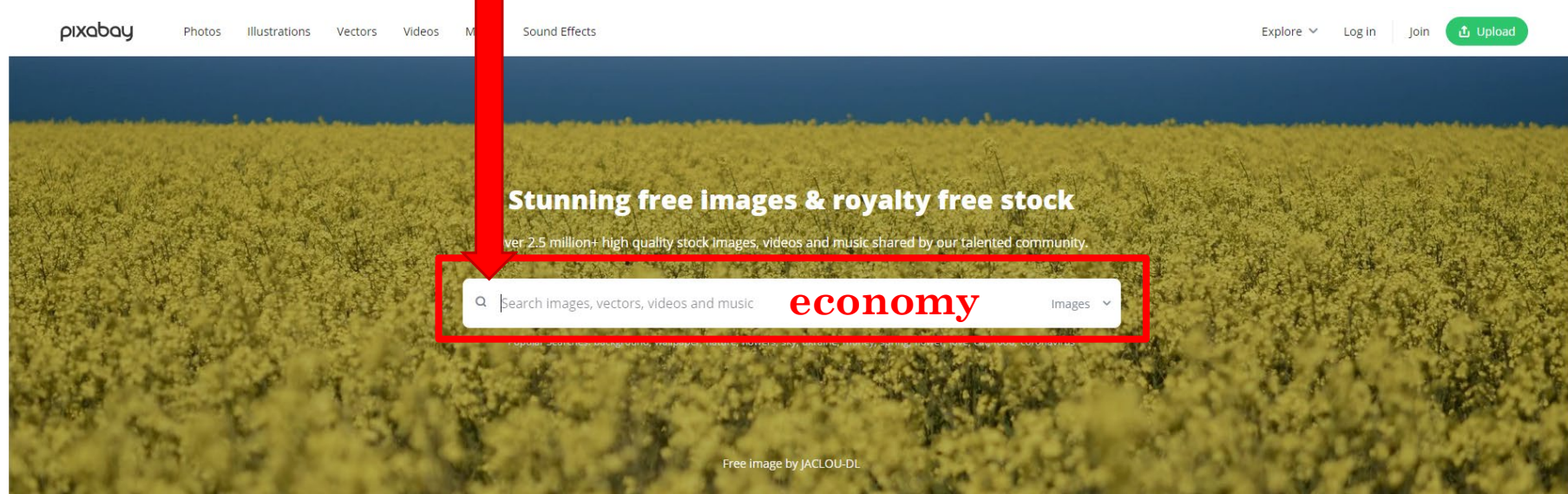
- **Some examples.**

- **Color:** orange or transparent
- **Type:** clip art or GIF
- **Time:** Past 24 hours
- **User rights:** Creative Commons licenses or Commercial & other licenses



2. Image search: Pixabay

- Access <https://pixabay.com/en/>
- Search criteria: **economy**



2. Image search: Pixabay

- Free download
- Choose resolution



3844328 / 19 images

Follow

623

Free Download

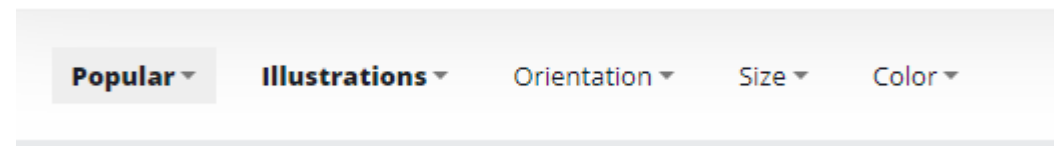
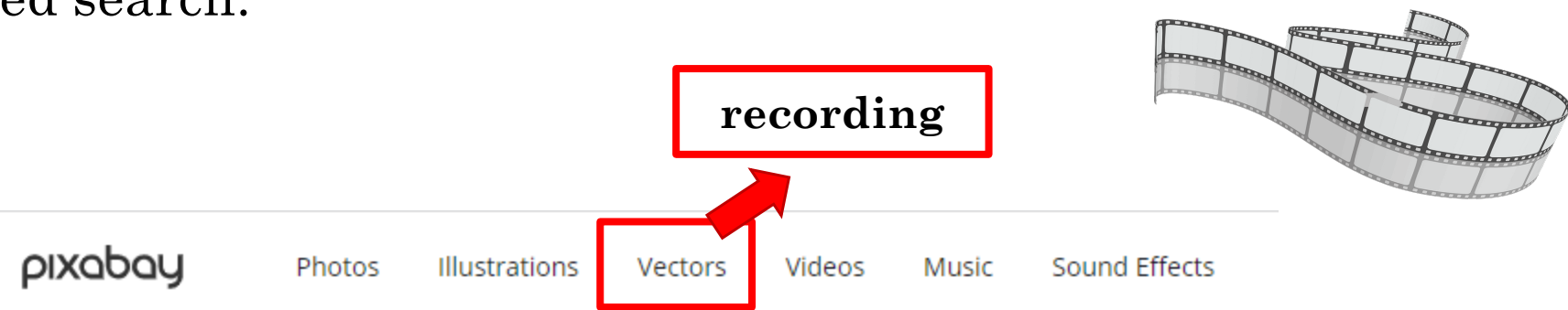
| | | |
|-----------|-----|--------|
| 640×426 | JPG | 63 kB |
| 1280×853 | IPG | 210 kB |
| 1920×1280 | JPG | 444 kB |
| 5812×3875 | JPG | 5.2 MB |

Download View

Related Images

2. Image search: Pixabay

- Customized search:



- **Illustrations**
- **Orientation:** vertical
- **Color:** orange

forest



2. Image search: Iconfinder

The screenshot shows the Iconfinder website interface. At the top, there is a search bar with the text 'Spring x Search 6M icons, 3D and illustrations...'. Below the search bar, there are navigation tabs for 'Icons', 'Illustrations', and '3D illustrations'. On the left side, there is a 'Filters' section with several options: 'Staff picks', 'All prices' (with 'Free' selected and highlighted in a red box), 'All styles', and 'All licenses'. The main content area is titled 'Free Spring icons' and includes a description: 'Here you will find icons depicting trees, flowers, rain, birds, gardening, cherry blossoms, and many more. Use the filters to find free spring icons or to refine results by style. All icons are available in PNG and SVG formats.' Below the description are several category tags: 'Spring', 'Garden', 'Nature', 'Plant', 'Insect', 'Weather', 'Food', 'Flower', 'Bug', and 'Sun'. A row of eight icons is displayed, including a butterfly, a beetle, a garden hose, a fan, a strawberry, a leaf, grass, and a clover. A modal window is open, showing a detailed view of the selected butterfly icon. The modal includes the text 'Free icon' and 'You will spend 0 credits when downloading with Creative Commons (Attribution 3.0 Unported)'. It also shows the icon's name 'smart/icons', the collection name 'Spring-2', and the number of downloads '307 downloads'. A 'Download in PNG' button is highlighted in a red box. Below the button, there is a link to 'Copy base64 PNG'. At the bottom of the modal, there is a 'Change colors' button with a 'New' tag.

2. Image search: stockvault

- Access <https://www.stockvault.net/>
- **Categories:** textures for presentation's background



stockvault

Photos Collections Categories Blog Premium Info Upload a Photo

FREE STOCK IMAGES

NEW PHOTOS, TEXTURES & ILLUSTRATIONS ADDED EVERY DAY!

Business SEARCH

Popular: [Textures](#), [Nature](#), [Business](#), [Flower](#), [Abstract](#), [Wallpapers](#), [Food](#), [More](#) →

OBJECTS

- Art Supplies
- Cosmetics
- Electronics
- Entertainment
- Flags
- Furniture
- Household Items
- Jewelry
- Medical
- Money
- Music
- Office Supplies
- Paper & Books
- Religion
- Sculptures
- Signs
- Stamps
- Tools & Weapons
- Toys

PEOPLE

- Children
- Human Activity
- Human Bones
- Human Closeups
- Portraits
- Sports Activity

SEASONAL

- Christmas
- Easter
- Fireworks
- Halloween
- Valentines Day

3D RENDERS

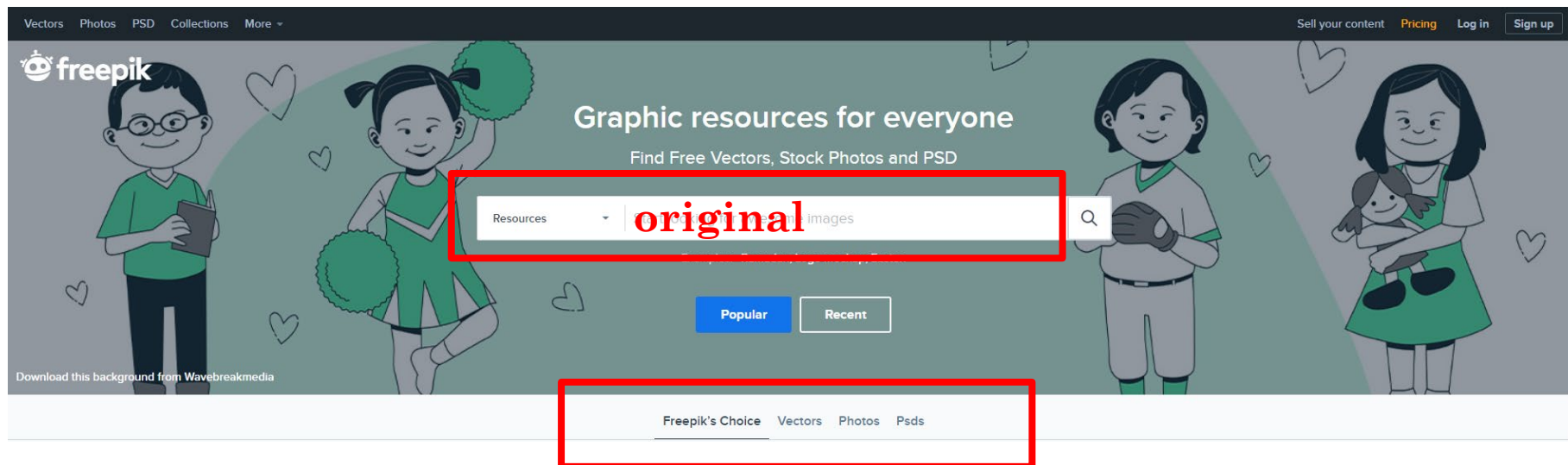
- 3D Landscapes
- 3D Text
- Abstract Shapes
- Boxes and Models

TEXTURES

- Burned Textures
- Dirt & Mud Textures
- Fabric Textures
- Grunge Textures
- Light Effects
- Metal & Rust
- Misc Textures
- Organic Textures
- Paint Textures
- Paper Textures
- Plastic Textures
- Stone & Rock Textures
- Water & Liquid Textures
- Wood Textures

2. Image search: Freepik

- Access <https://www.freepik.com/>
- Search criteria: **original**



2. Image search: Freepik

The screenshot shows a search result for 'Microsoft 365 User Experiences' on Freepik. On the left, there are several 'ORIGINAL' stamps in various colors (brown, blue, red, black). The main content area includes a title, a description, a 'Download' button, and a 'Collect' button. A 'Don't want to attribute?' pop-up is visible, with a 'Go Premium' button and a 'Free download' button highlighted with a red box. A red arrow points from the 'Free download' button to the attribution section on the right.

Attribution!!

How to attribute?

Creating content takes a lot of time and effort, but we need from you is an attribution link. Choose the medium you're going to use the resource for.

Web Printed Elements Video Apps/Games

For example: websites, social media, blogs, ebooks, newsletters, etc.

Copy this link and paste it wherever it's visible, close to where you're using the resource. If that's not possible, place it at the footer of your website, blog or newsletter, or in the credits section.

`Vintage vector created by starline - www.freepik...`

Copy

For any other questions, check out our [FAQ Section](#)

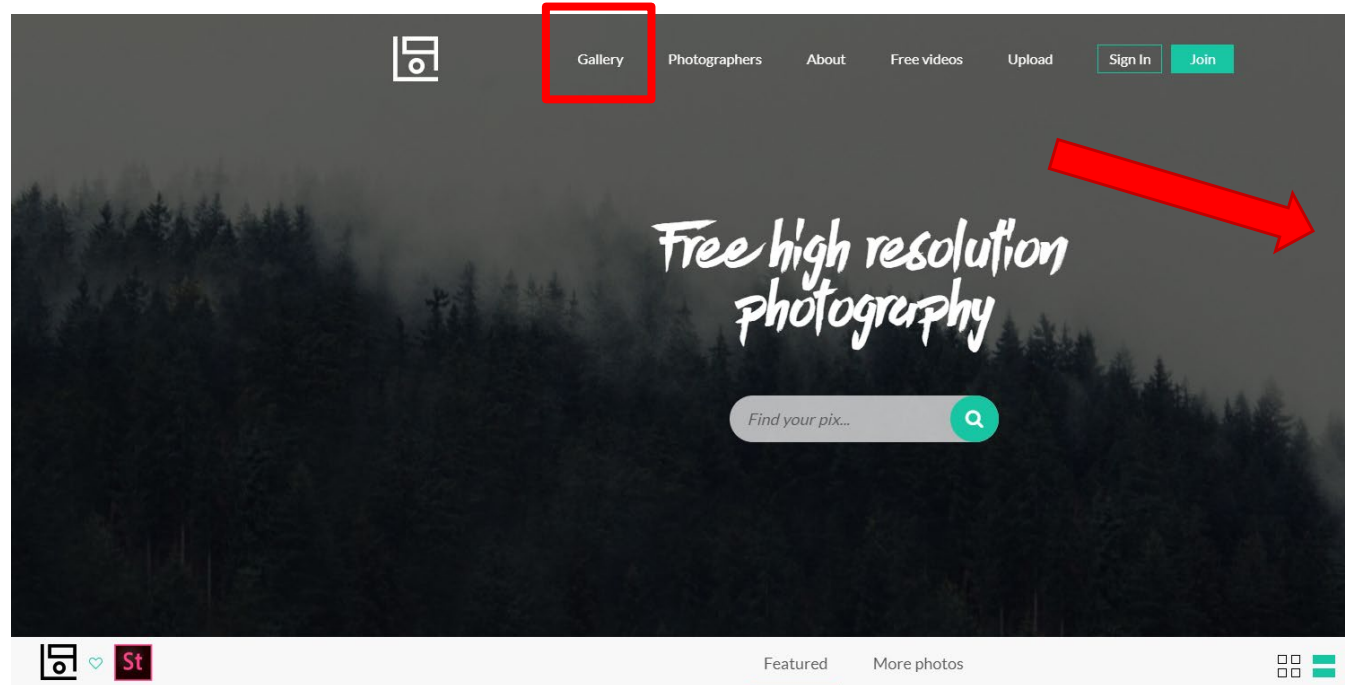
Forget about attribution

Join our Premium family, outsmart deadlines, and live a hassle-free life

Go Premium

2. Image search: Life of pix

- Access <https://www.lifeofpix.com/>



Desk

59 photos

2. Image search: DesignersPics

- Access <http://www.designerspics.com/>

DesignersPics.com

FREE Hi-Res photos for your personal & commercial use. Attribution not required!



Categories

Home

Categories Home

Architecture

Business

Concepts

Food & drinks

Nature

People

Technology

Things

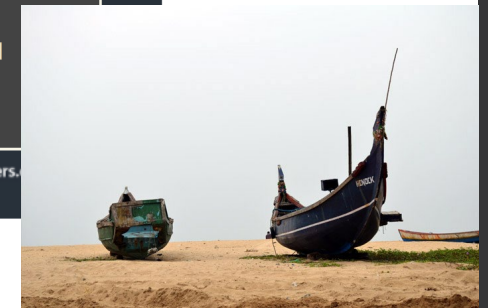
Uncategorised

Wild life

Team of paper people



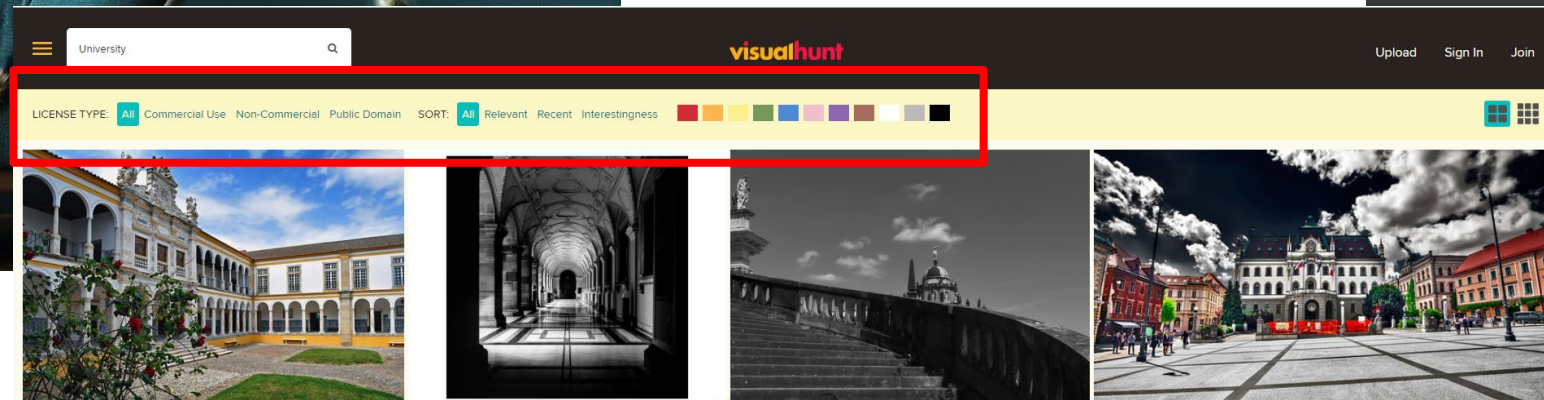
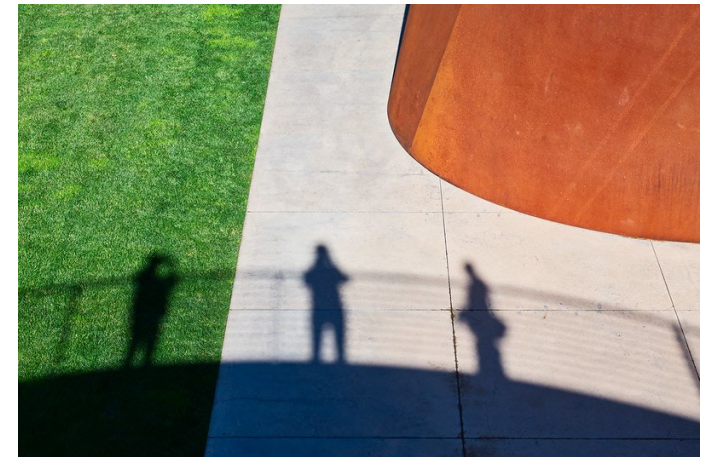
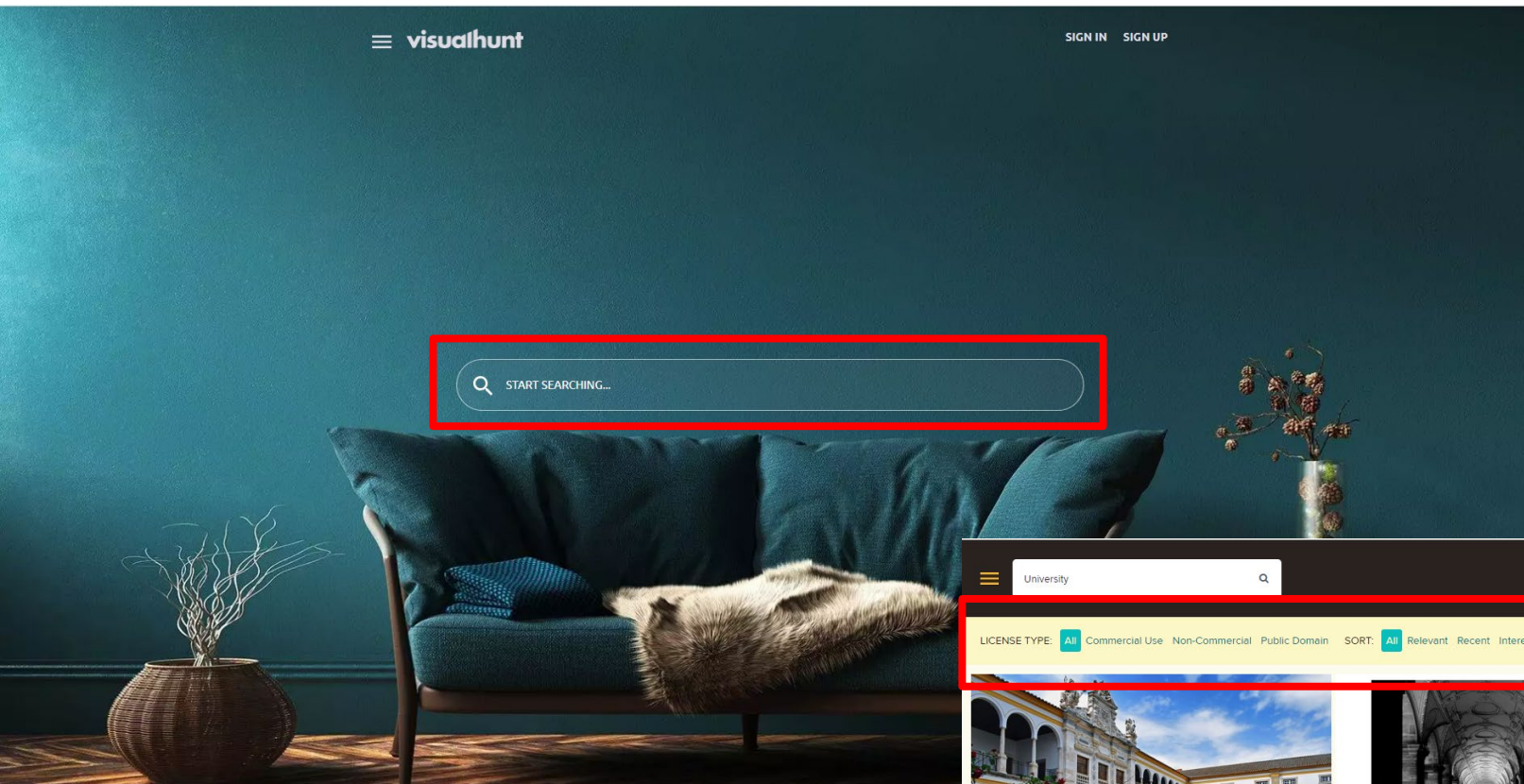
www.corporatedesigners.com



Free Download

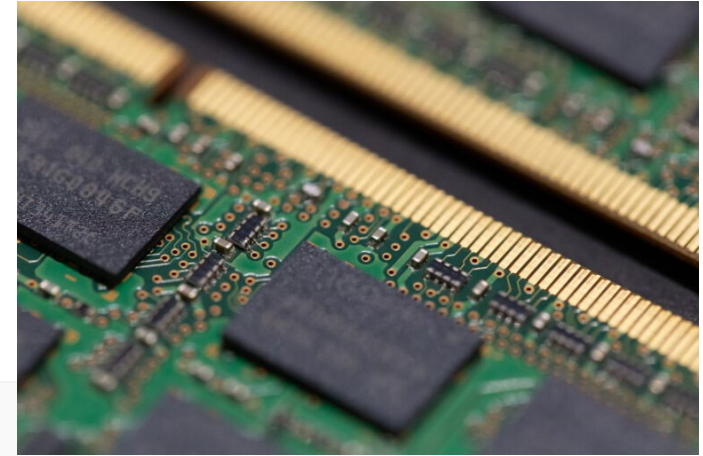
2. Image search: VisualHunt

- Access <https://visualhunt.com/>




2. Image search: Picography

- Access <https://picography.co/>
- Search criteria: **technology**




PICOGRAPHY



PICOGRAPHY

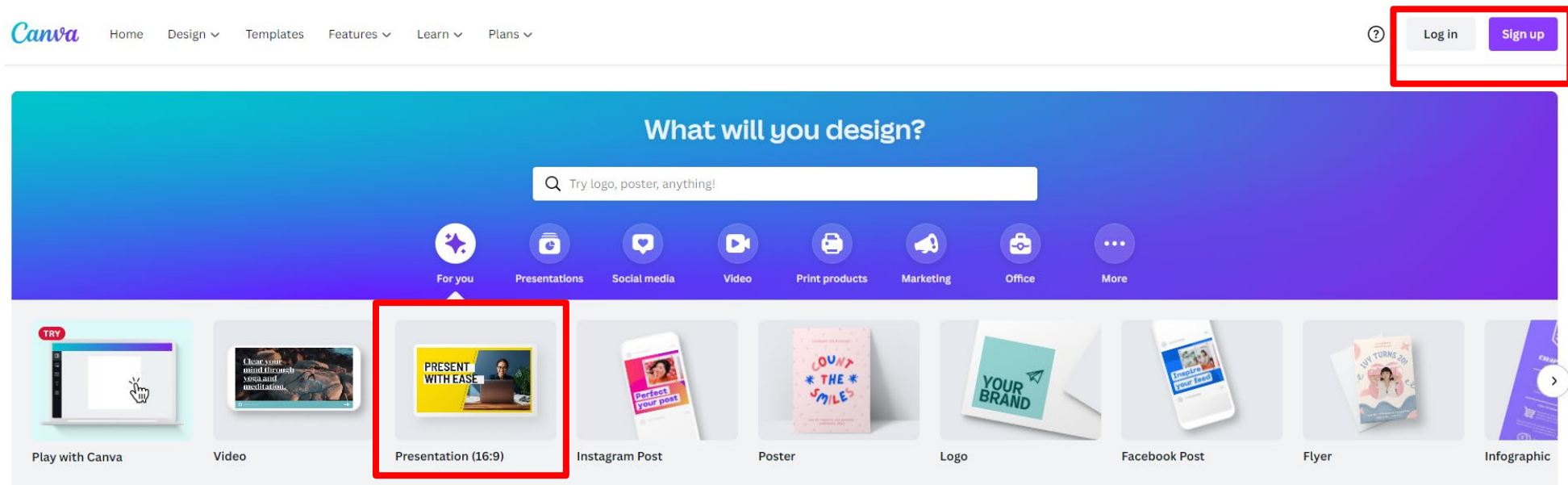
High-Resolution, Royalty-Free, Stock Images
That you can use however you like with our **free license**.

Search free photos... 

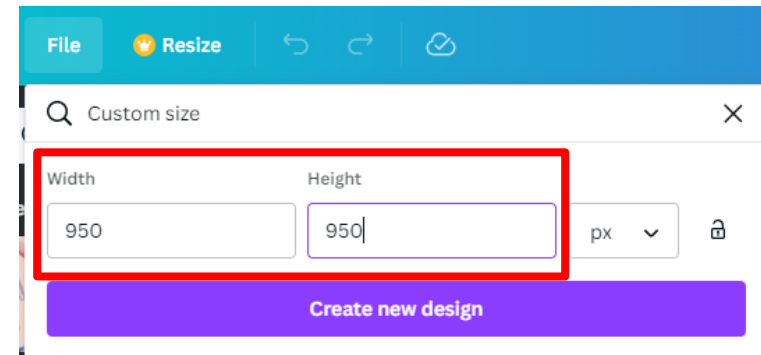
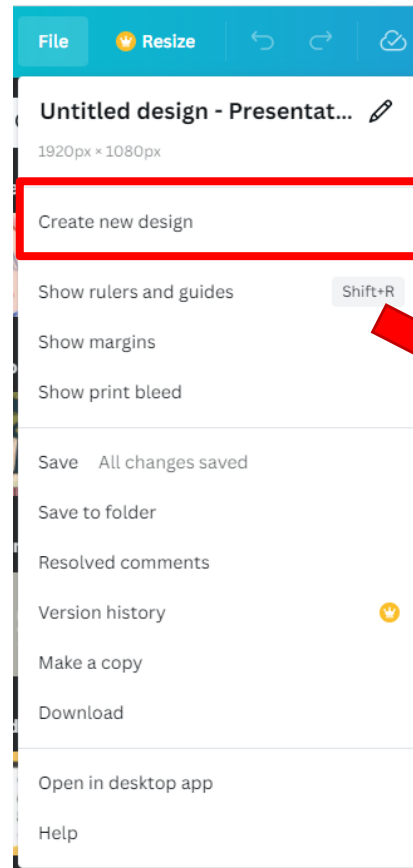
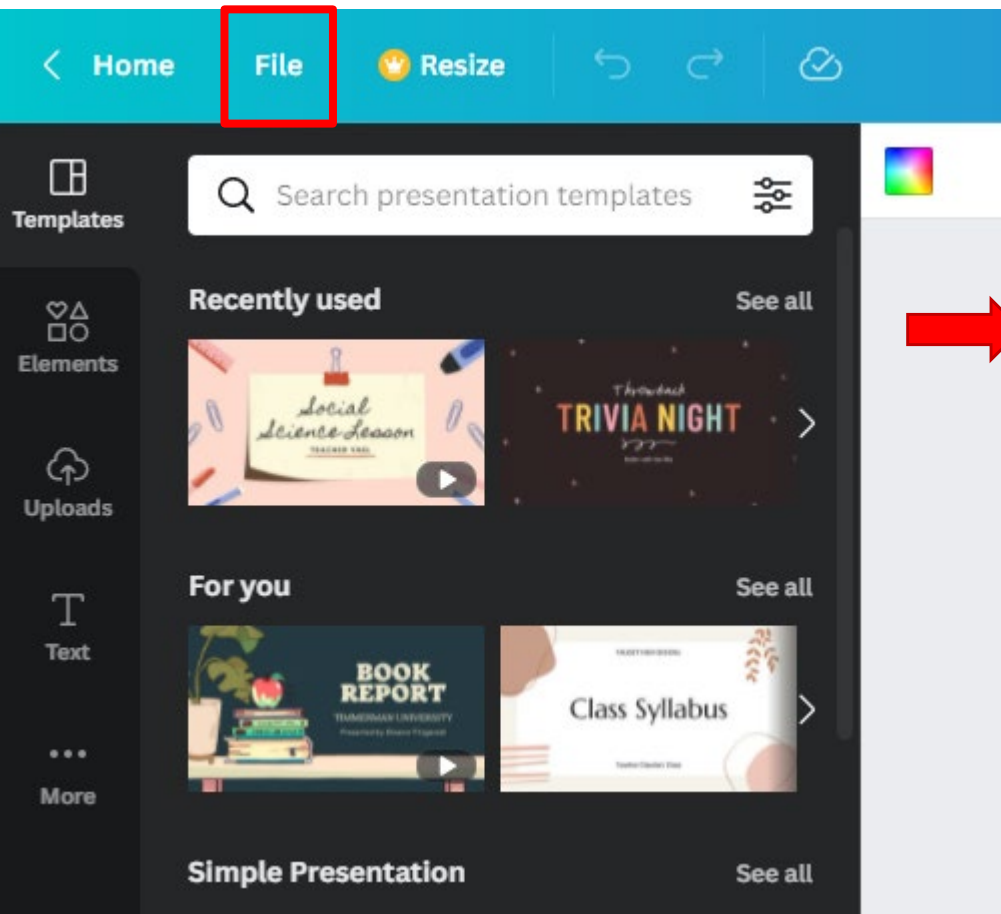
Popular searches: *Business, People, Technology, Scenery*

3. Image design: Canva®

- Access <https://www.canva.com/en/>
- Sign up

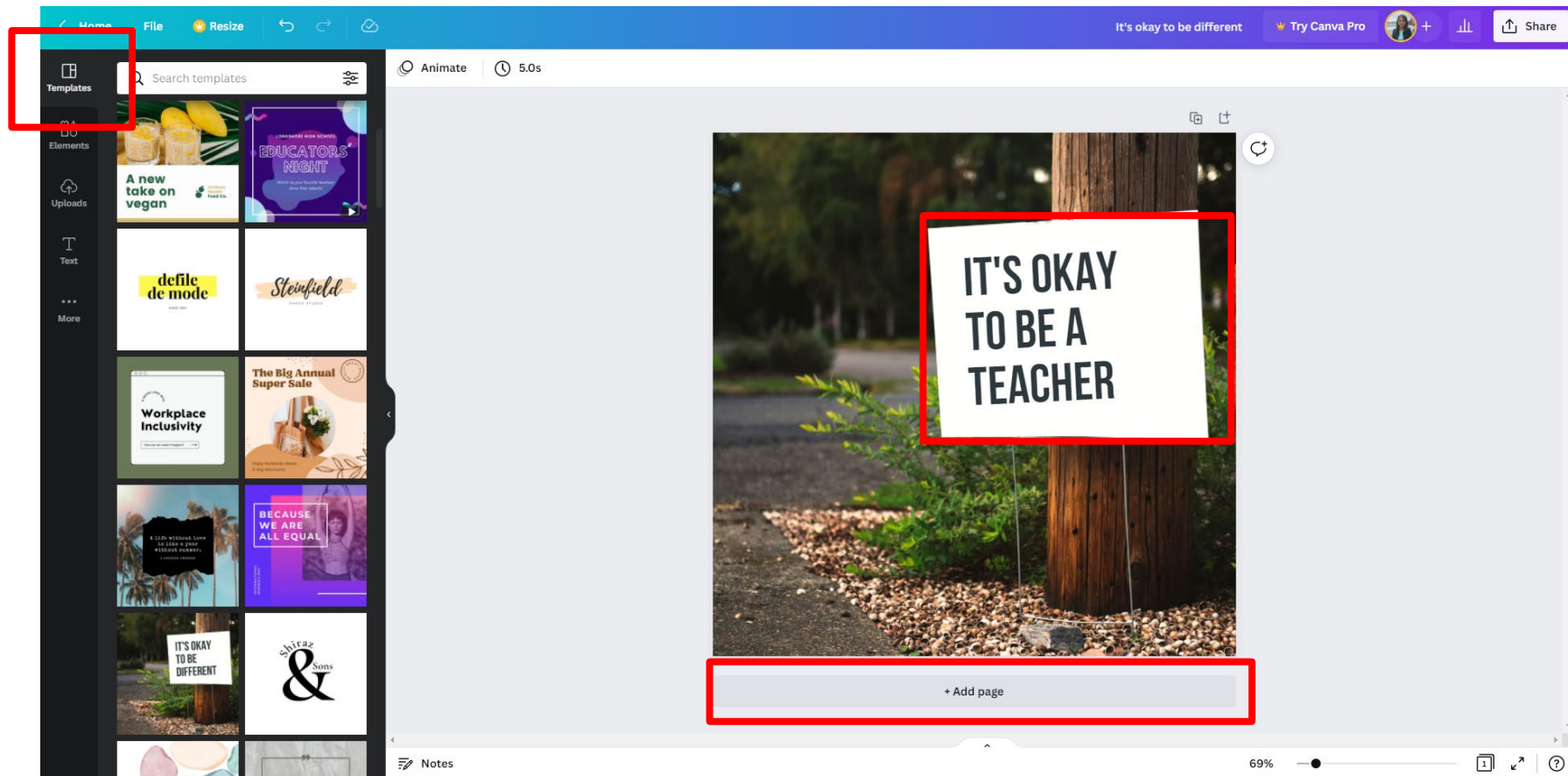


3. Image design: Canva®



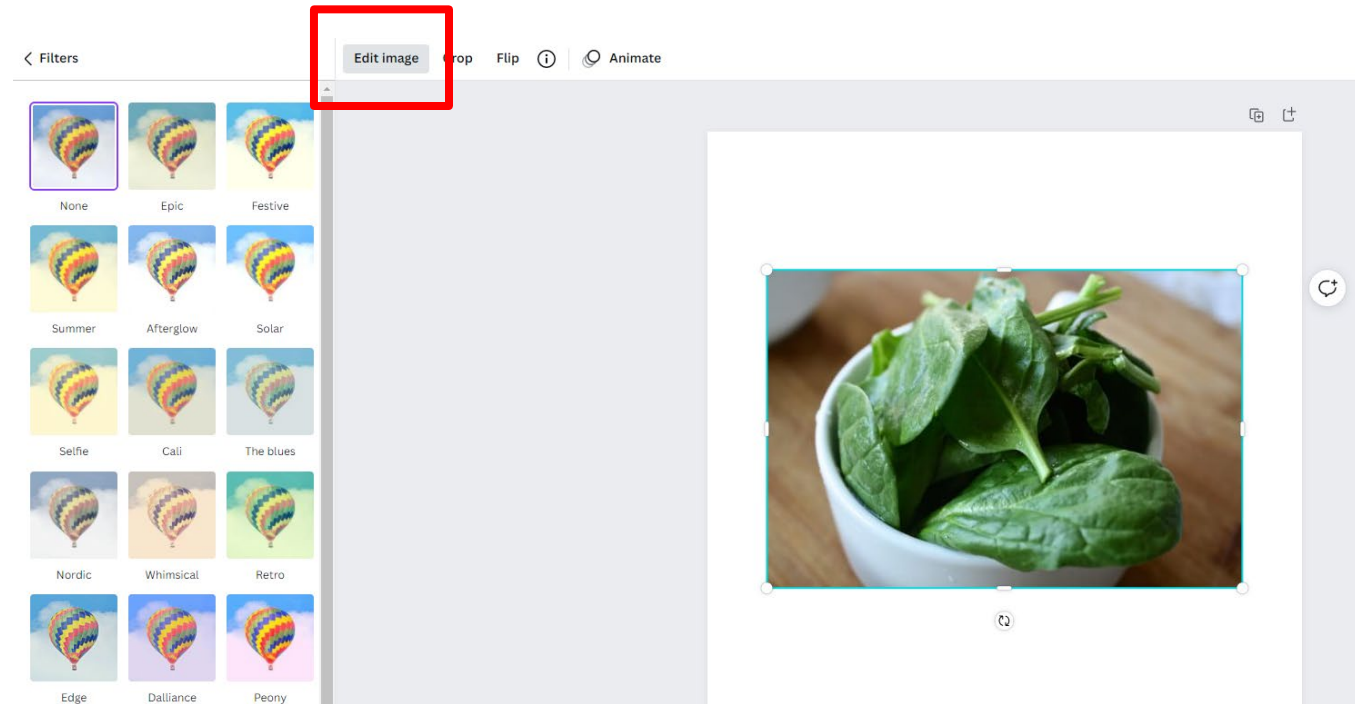
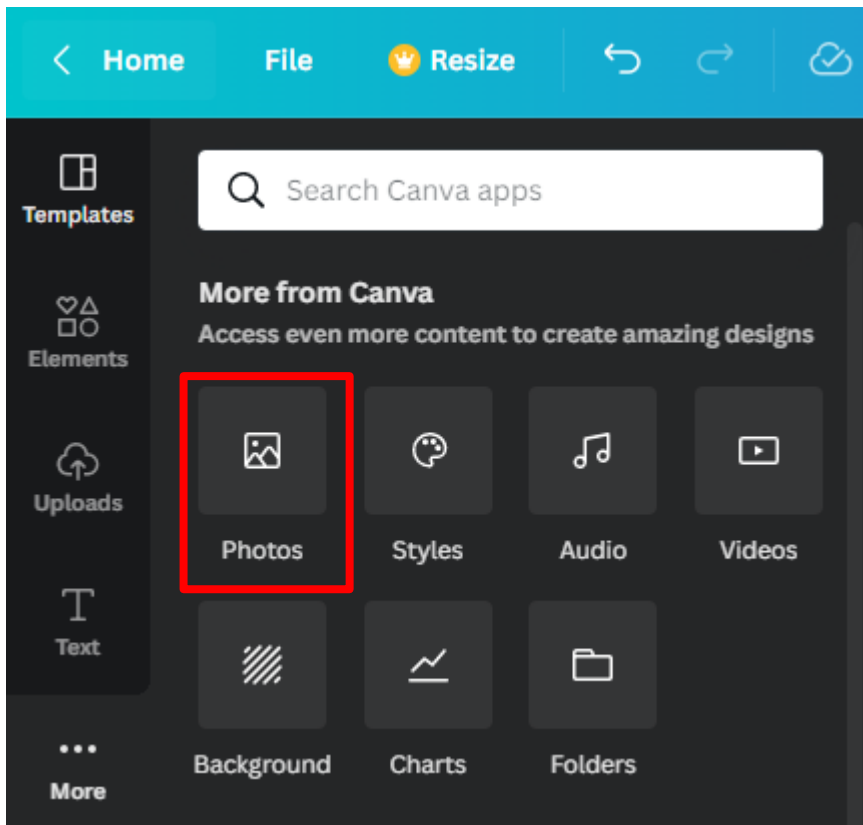
3. Image design: Canva®

- Customize a template



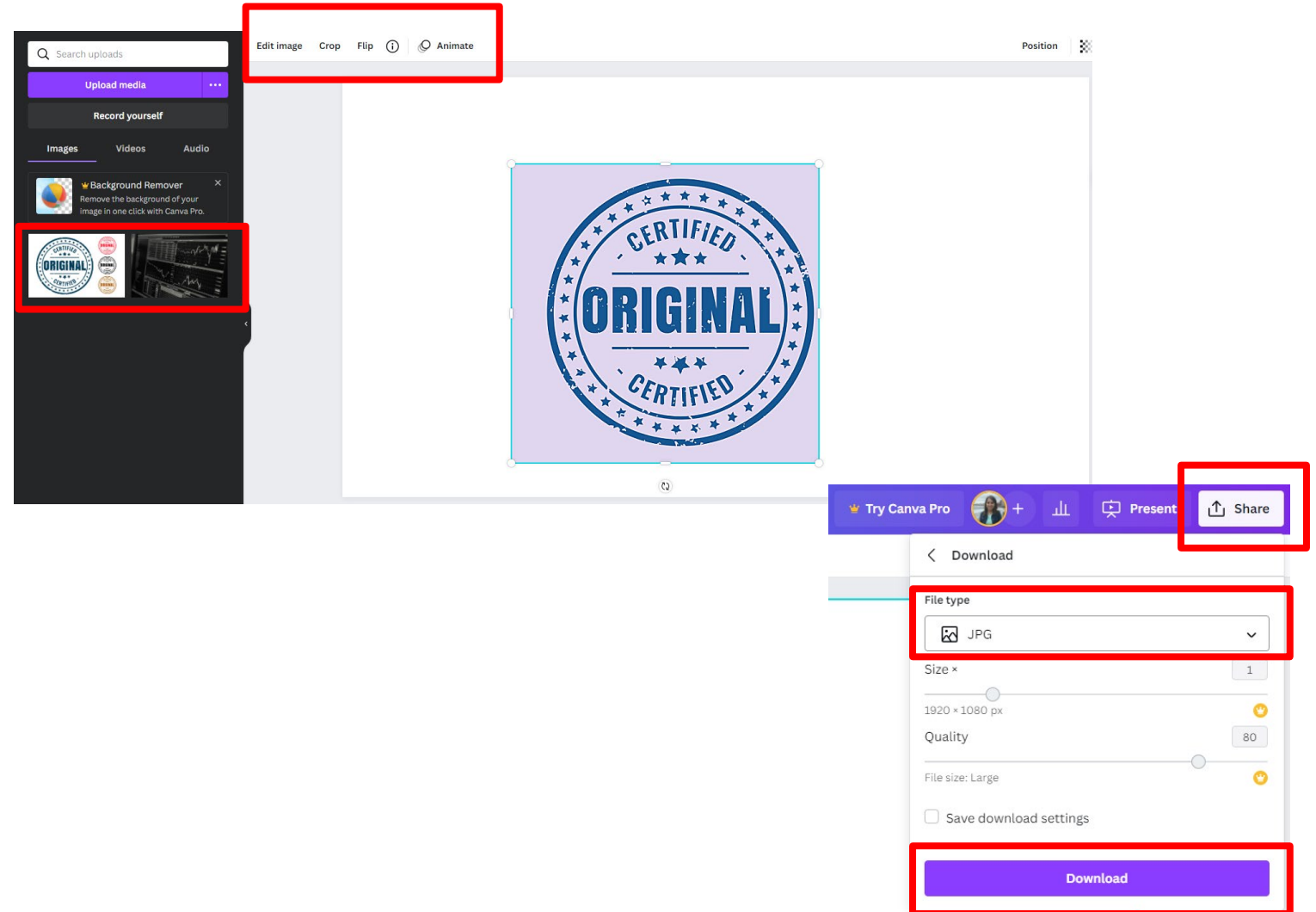
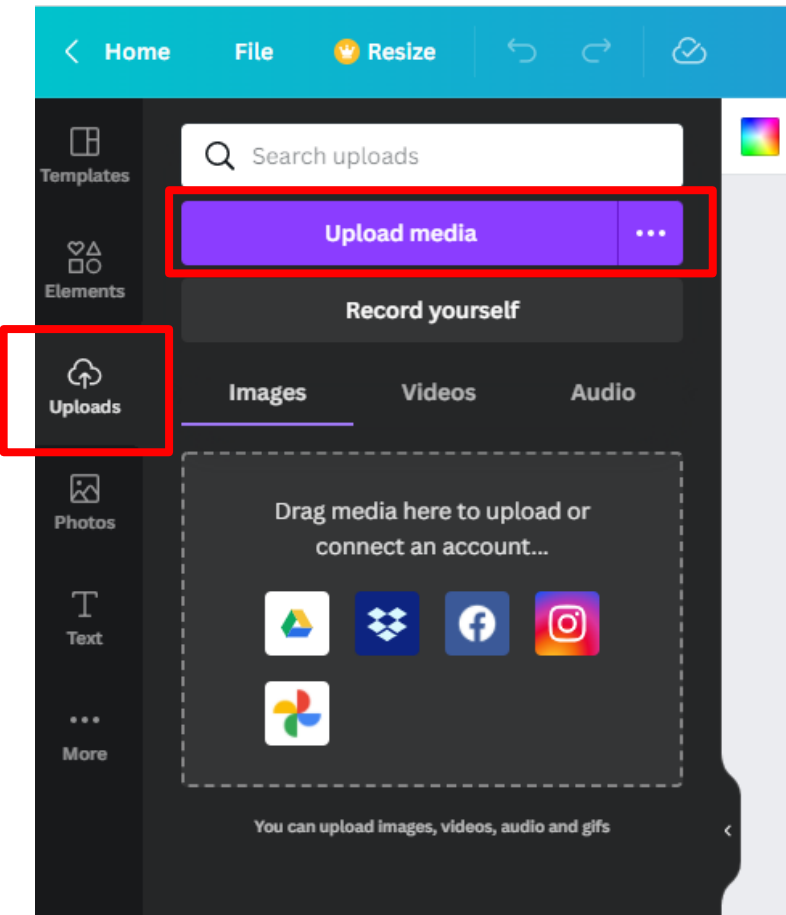
3. Image design: Canva®

- Photos



3. Image design: Canva®

- Uploads



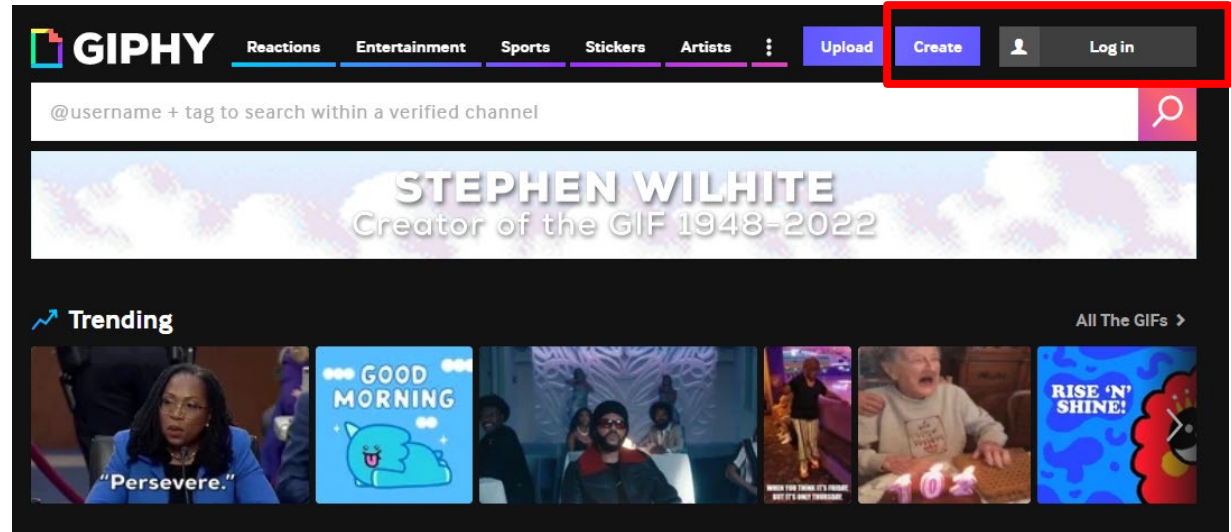
3. Image design: Canva®

- Create something similar to...



3. GIF design: Giphy®

- Access <https://giphy.com/>
- Log in
- Create

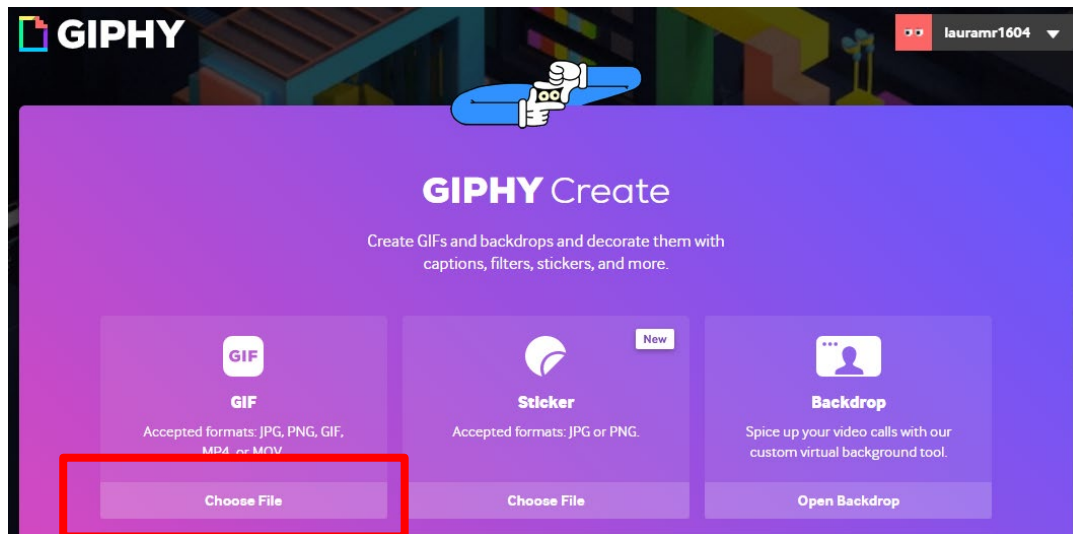


From a **video** or from an **image**

Continue to decorate

Continue to upload

Upload to GIPHY



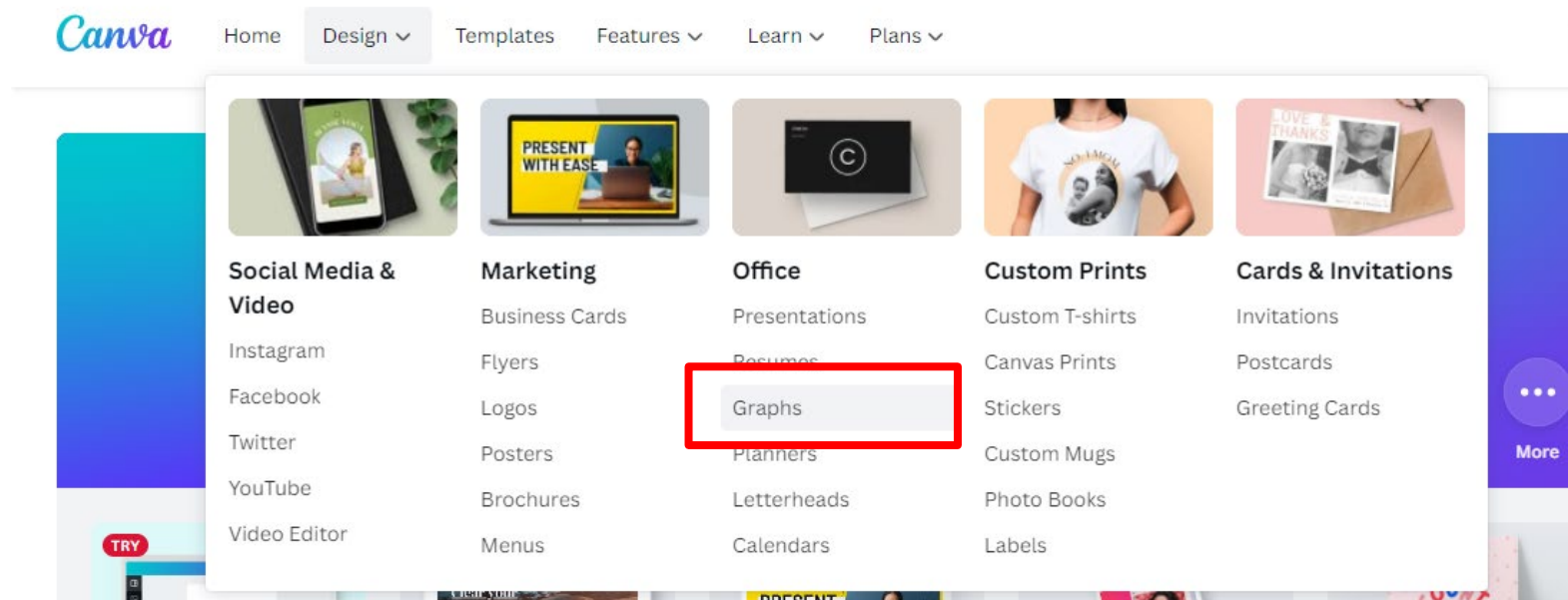
3. GIF design: Giphy®

- Create something similar to...



3. Graphic design: Canva®

- Access <https://www.canva.com/en/>



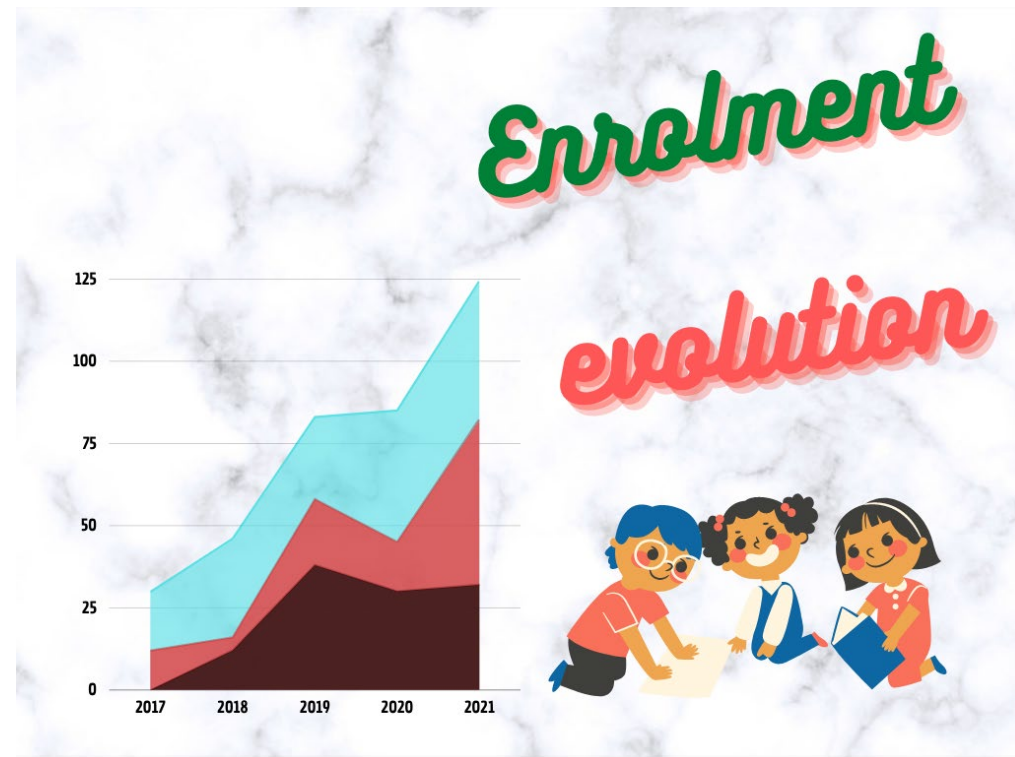
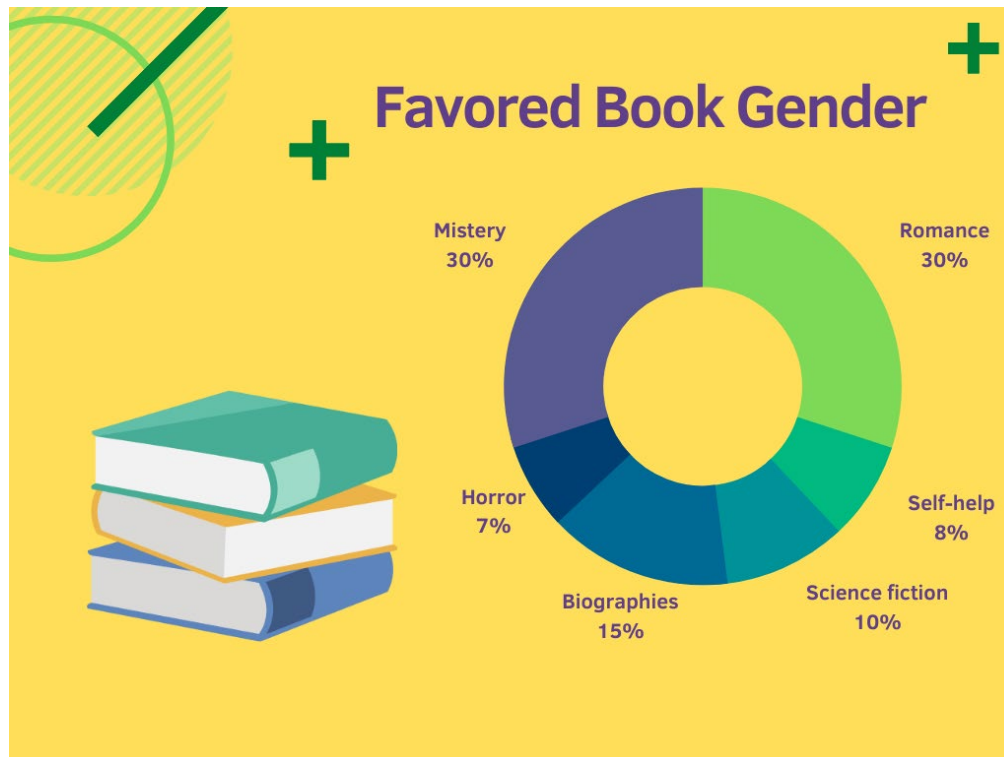
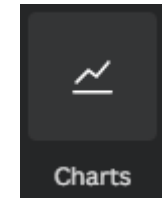
- Start with your document title – Create my graph now

I know what graph I need

Help me choose a graph type

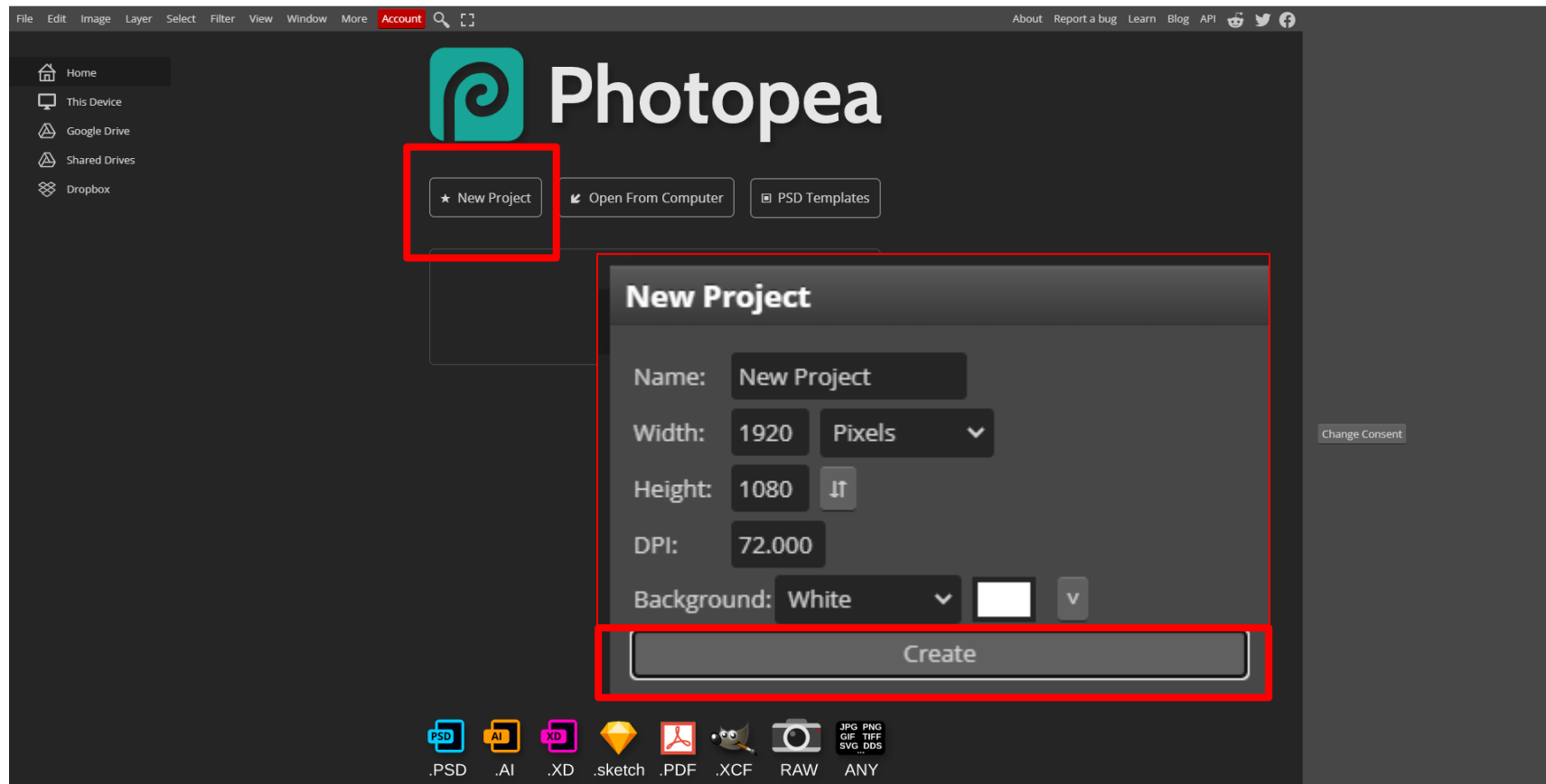
3. Graphic design: Canva®

- Create something similar to--- (Comparisons)



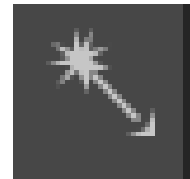
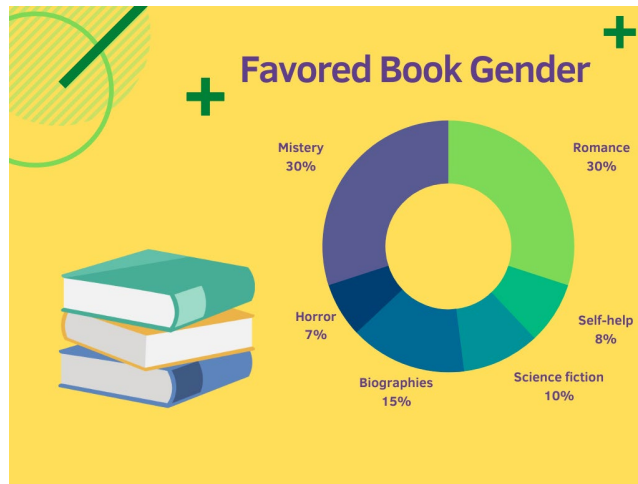
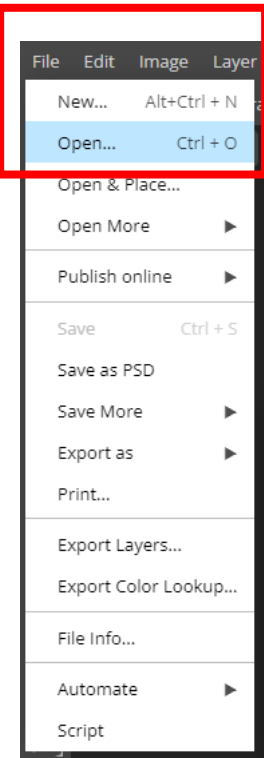
4. Image editing with Photopea®

- Access <https://www.photopea.com/>



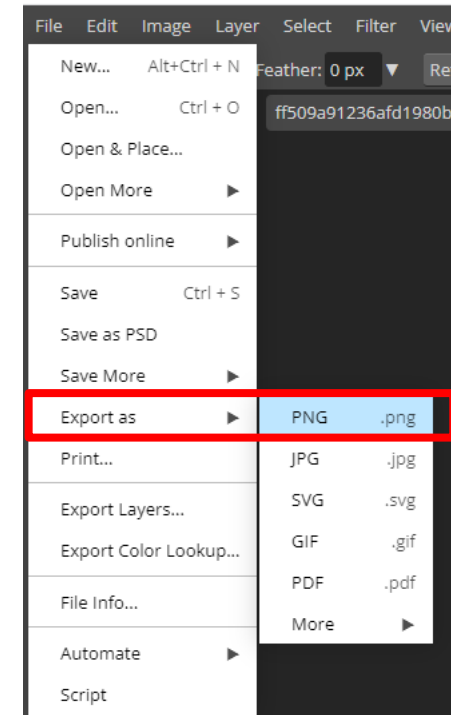
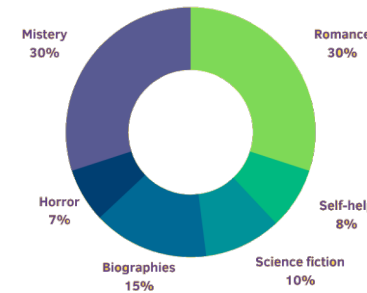
4. Image editing with Photopea®

- Removing image background



+ Supr

Favored Book Gender



4. Image editing with Photopea®

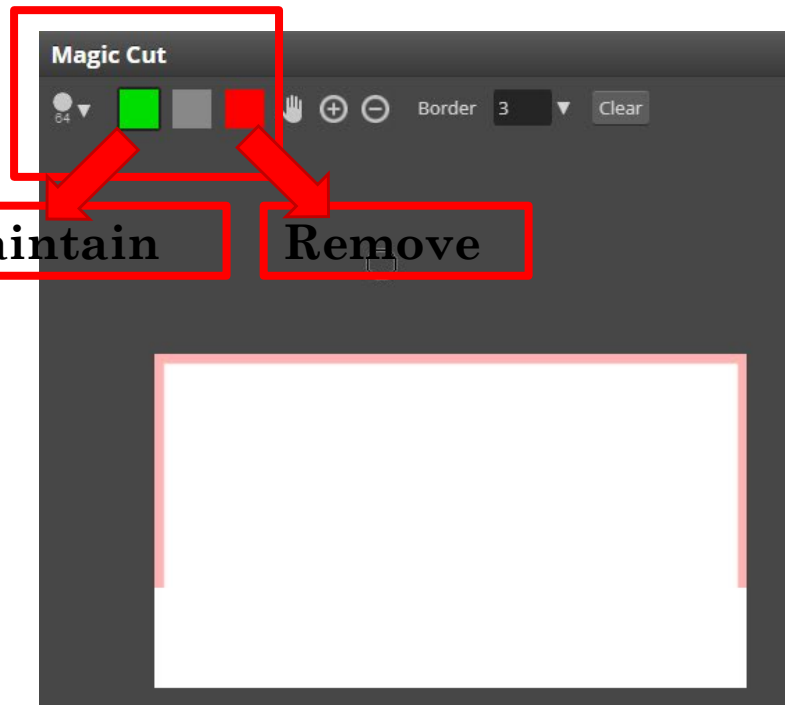
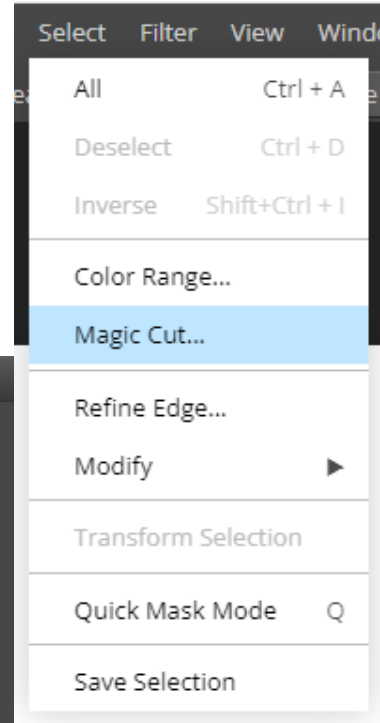
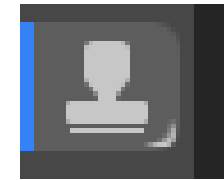
- Now upload the edited image somewhere else...



4. Image editing with Photopea®

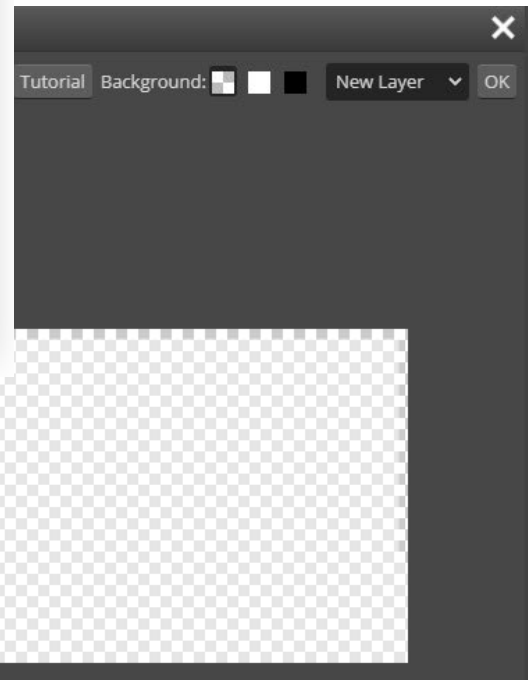
- Other useful tools:
 - **Zoom in:** Ctrl +
 - **Zoom out:** Ctrl –
 - **Select – Magic cut...**

- **Clone tool (Press S)**



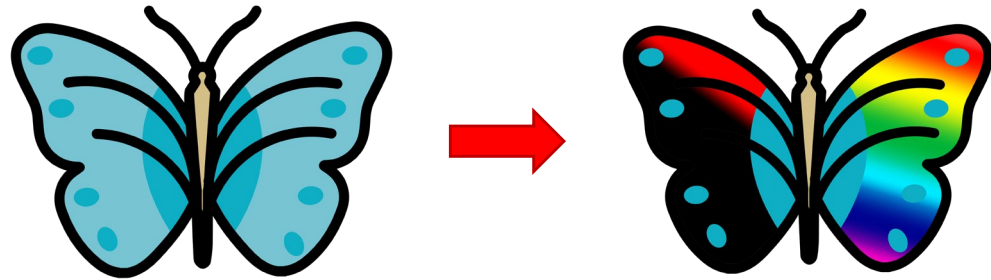
Maintain

Remove



4. Image editing with Photopea®

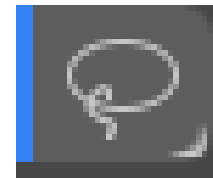
- Other useful tools:
 - **Magic Wand (W) + Paint Bucket Tool (G) or Gradient Tool (G)**



- **Crop Tool (C)**



- **Lasso select (L)**



5. Audio search

- **YouTube Audio Library:**

<https://studio.youtube.com/channel/UCDJ9LD6lRkOAkakZBpu-sGg/music>

| | | | | | | | | |
|--|--|----------|------|-----------|------------|------|--|----------|
| | | Sailing | Rock | Tranquilo | Telecasted | 2:14 | | Mar 2022 |
| | | Breeze | Rock | Triste | Telecasted | 2:18 | | Mar 2022 |
| | | Seasons | Rock | Tranquilo | Telecasted | 2:52 | | Mar 2022 |
| | | Campfire | Rock | Tranquilo | Telecasted | 1:58 | | Mar 2022 |

- **Free Music Archive (FMA):** <https://freemusicarchive.org/>

FREE MUSIC ARCHIVE

Your #1 resource for royalty-free and 'free to download' music.

Support creators, reward creativity.



Royalty-free music



Browse FMA

5. Audio search: Effects

- SoundBible: <https://soundbible.com/>



[Home](#) [Sound Effects](#) [Royalty Free Sounds](#) [About](#) [Blog](#)

Search.. **coins**

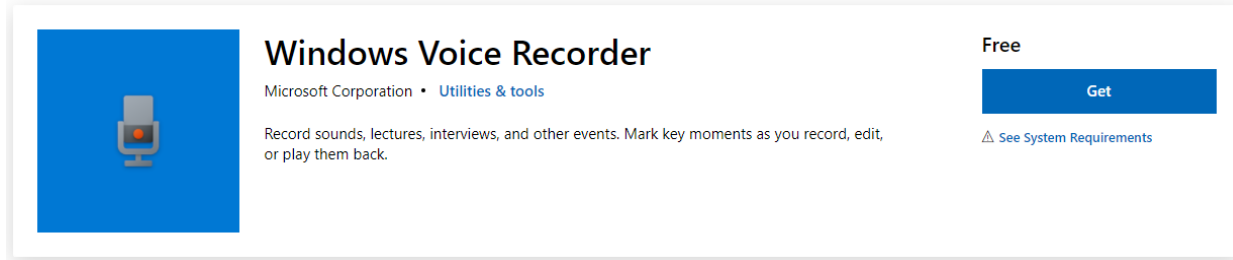
Free Sound Effects

SoundBible.com offers free sound clips for download in either wav or mp3 format. We have free and royalty free sound effects and clips for video editors, movie scores, game designers, and weekend sound warriors. Downloads are totally free, and upfront with large download buttons to prevent confusion.



5. Audio recording

- The **quality** of the microphone is very important.
- Some mobile devices have better microphones than laptops.



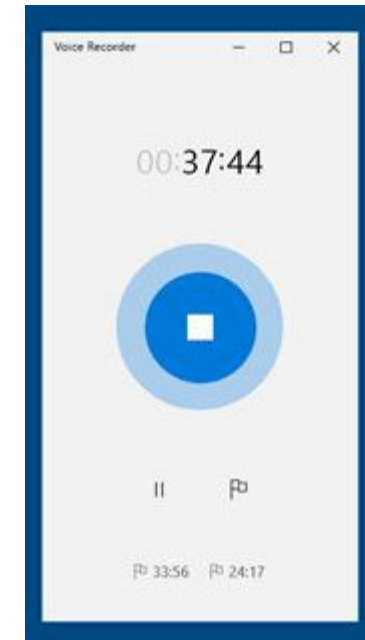
Windows Voice Recorder
Microsoft Corporation • Utilities & tools

Record sounds, lectures, interviews, and other events. Mark key moments as you record, edit, or play them back.

Free

Get

[See System Requirements](#)



Easy Voice Recorder

Digipom Productivity

Everyone

Contains Ads · Offers in-app purchases

This app is available for all of your devices

Add to Wishlist

★★★★★ 465,052

Install

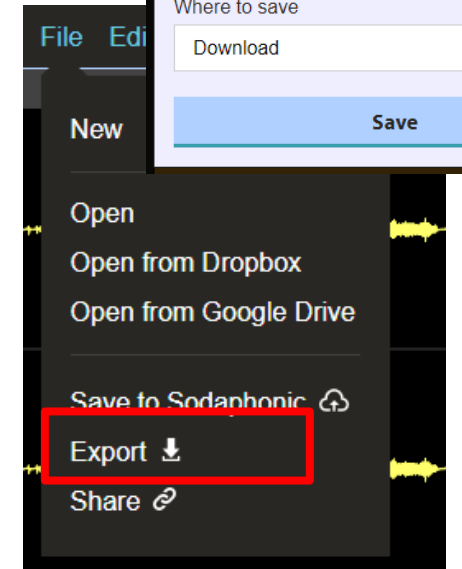
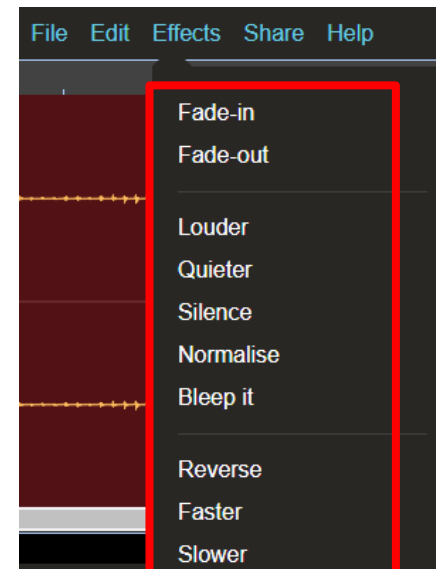
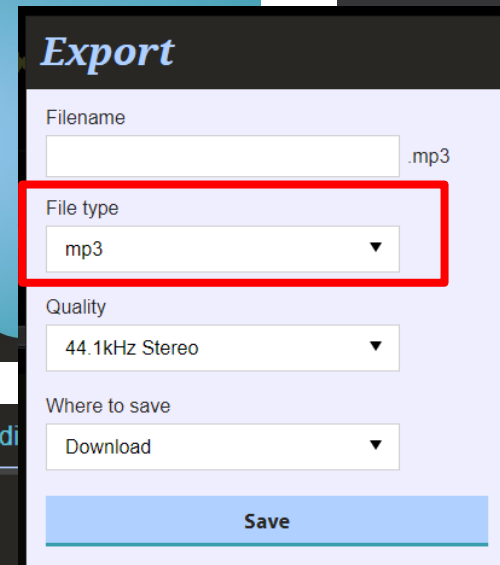
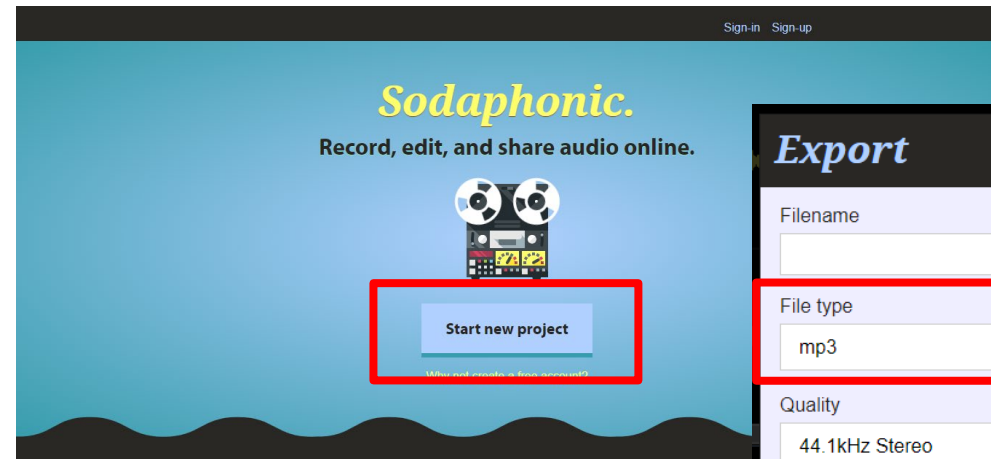
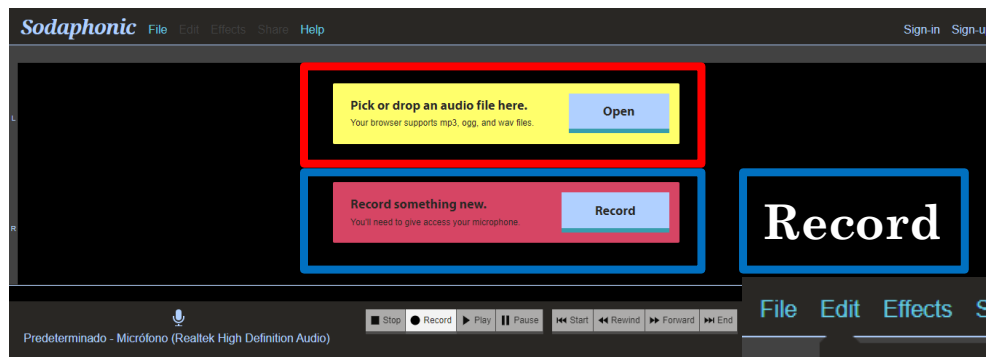
5. Audio editing: Audacity

- Free, open source.
- Download and installation are required.
- Access <https://www.audacityteam.org/>



5. Audio editing: Sodaphonic

- Edit and record audio online
- <https://sodaphonic.com/>



6. Video search

- **YouTube:** Type ss before the y



- **Pixabay:** <https://pixabay.com/en/videos/>



- **Coverr:** <https://coverr.co/>



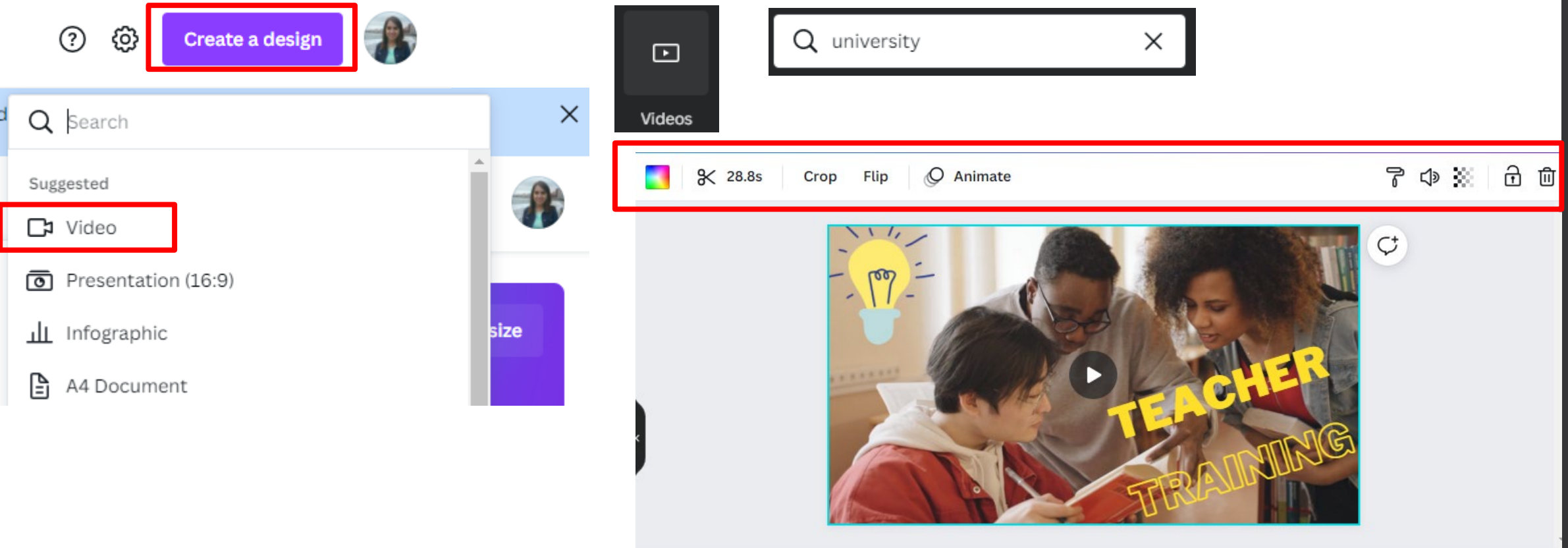
- **Mazwai:** <https://mazwai.com/>



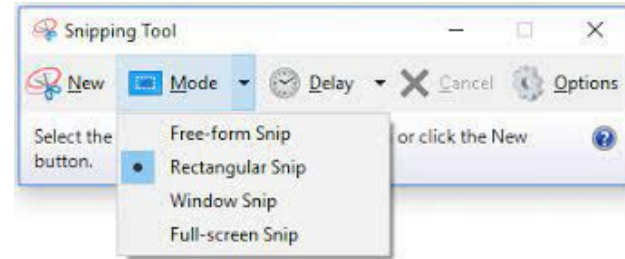
Free video clips

6. Video design: Canva®

- Access <https://www.canva.com/>



Obtaining and converting different materials



- **Snipping tool** (Windows)
- **Command + Left Shift + 3**: Full-screen snip (Mac)
- **Command + Left Shift + 4**: Free-form snip (Mac)
- **Online file converter**: <https://www.online-convert.com/en>
- **Computer screen recorder**:
 - QuickTime player + New screen recording (Mac)



+ G (Windows)

- **Screen recorder**



7. Specific guidelines about audiovisual content

Three **processes** related with audiovisual and graphic content for teaching:

1. Planning, structuring, timing, and preparing video pills.
2. Recording of formerly designed video pills.
3. Editing raw videos.

When planning, structuring, timing, and preparing video pills...

- Bear in mind the **aim** of your video lesson.
- Select the **topic** of the educational video.
- Maximize the use of the **technical features** of recording and edition equipment to allow your presentation to be as clear and didactic as possible.
- **Sequence and sketch** the content, organizing the information. Create a **script**!
- Bear in mind the **visual elements** that will be added during the video-edition process.

When recording of formerly designed video pills...

- Create videos of **approximately 5 min** length. People begin to lose interest in videos when they last longer than 10 min.
- Introduce narrative elements: include a **summary** at the beginning and also at the end of the content that you are going to explain.
- Introducing **symbolic elements** (tables, graphs, manipulative materials) while narrating the explanations needed.
- **Speak slowly**. Define new/abstract terms using a more **familiar vocabulary**. Even write these terms or leave them on the screen.
- Vary the **tone** of voice.
- Use **nouns** instead of pronouns to refer to the elements that appear in the presented content.

When editing raw videos...

- Examine the frames, the composition, the lighting, etc. Check if **everything** on the screen **can be read**.
- Avoid **oscillating** and **rough movements**. The controlled use of gestures also prevents monotony in your speech. Hand gestures are the most frequently suggested ones.
- Verify the **use of affirmations** that indicate the beginning and end of the topics explained.

Audiovisual and graphic content for teaching

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