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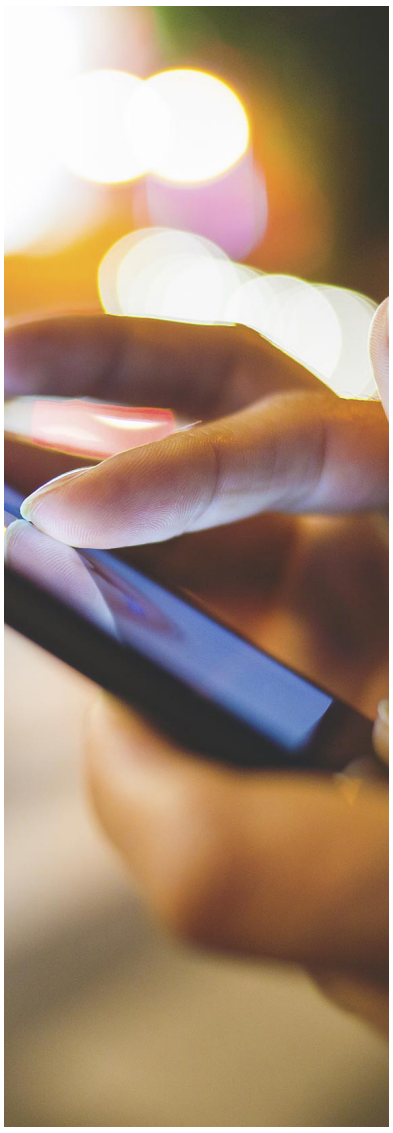
LOGGED-ON
Empowering learning with technology



Creating a Google Site and YouTube Channel

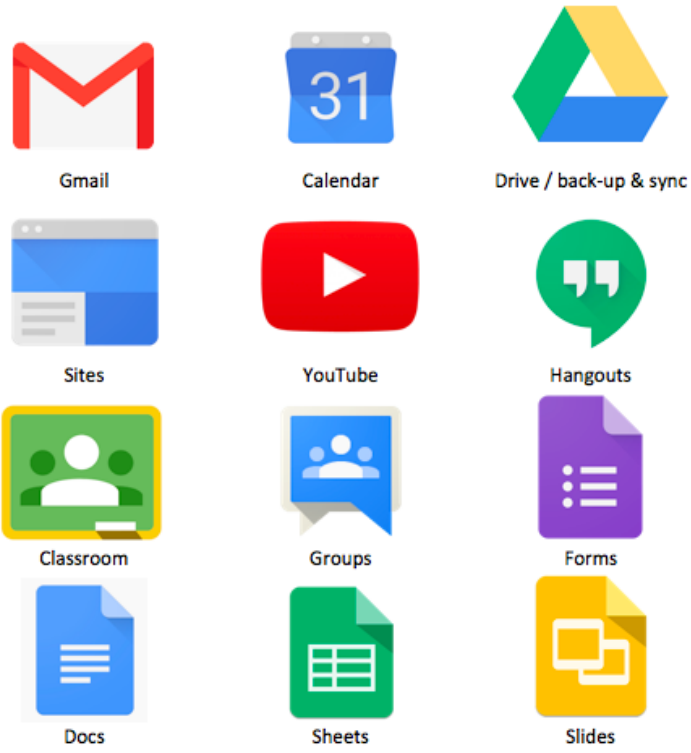
Session 6: Creating a Google Site and YouTube Channel

What is a Google Site?

Google Sites is a structured wiki- and Web page-creation tool offered by Google as part of the Google Productivity Suite.

The goal of Google Sites is for anyone to be able to create a team-oriented site where multiple people can collaborate and share files.

Google Sites are just one of many applications that Google offer and that can be used in education.



They offer several advantages, for example:

- They are free.
- They are very intuitive to use.
- They allow cooperative work.

In addition, Google also offers online tutorials in different languages that help to make the most of these apps (https://support.google.com/).
They even have a Training Centre (https://edutrainingcenter.withgoogle.com/) that allows teachers to obtain an official certification as "Google Educators" of different levels.

How Google Apps can be used in teaching and learning:

In these two documents we show two examples of how a number of Google apps have been used in the classroom at **Institut Cal-lipolis** in Tarragona, Spain.

1. Botanic Itinerary
2. Anatomical dissections

A step-by-step guide to using Google Sites and setting up a YouTube Channel:

At the end of this chapter you will also find two quick start guides about using Google Sites and setting up a YouTube Channel.

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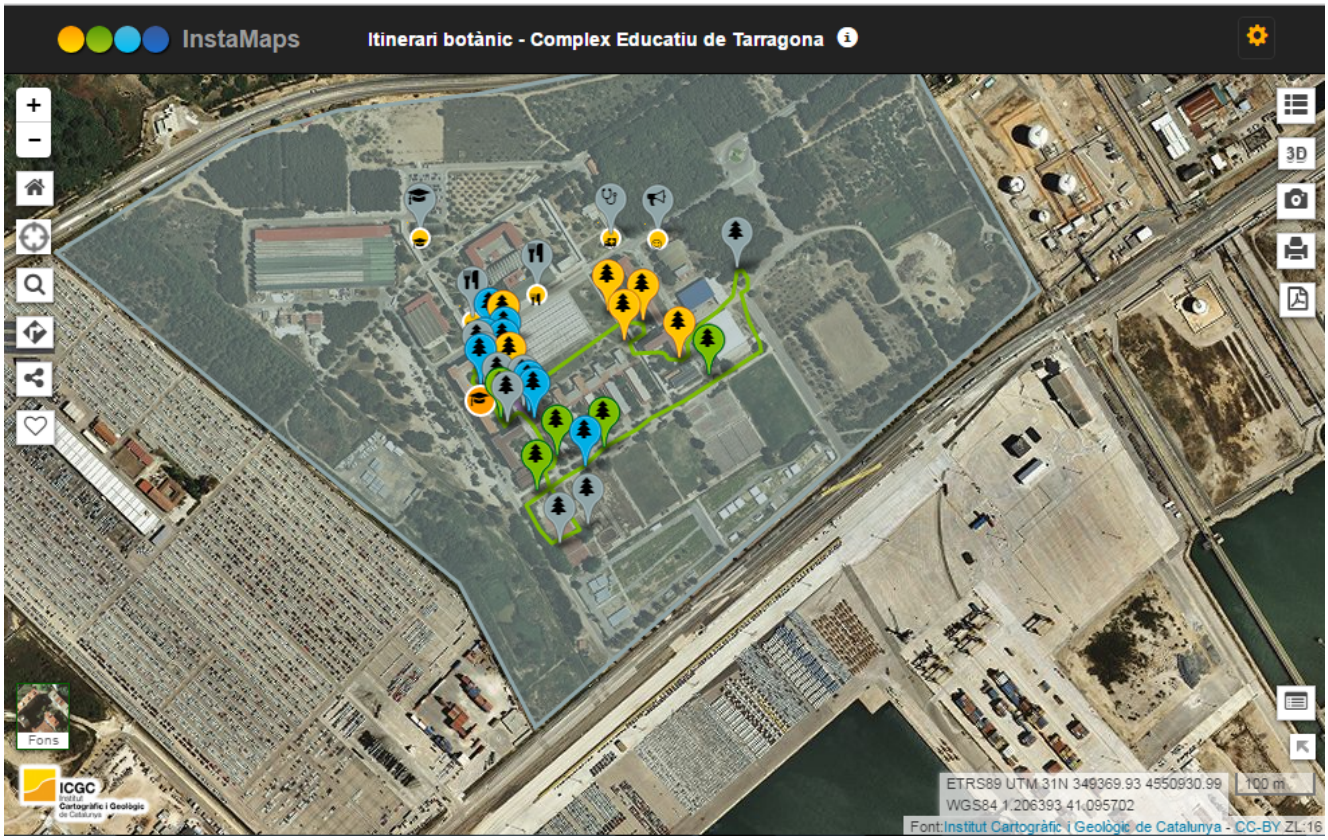
Use of Google in the classroom – Botanical Itinerary

Here we have an example of activity that includes the use of the Google Apps such as Google Sites, and also other applications such as Google Forms, QR-codes and Instamaps.

We wanted to take advantage of the natural environment we can find in Institut Cal·lípolis.

Thus, a botanical itinerary has been created in order to show the sort of Mediterranean and ornamental vegetation we have.

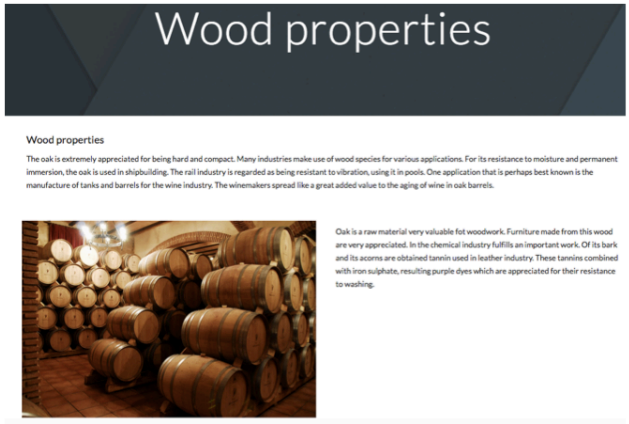
For this purpose, there is a virtual itinerary (Instamaps) where different vegetal species are placed (7 different species of trees at the moment).



These trees are marked with wooden boards with a QR-code on them, which link to a more detailed information about each tree (through Google Sites). This data is available in Catalan, Spanish and English.

Placement of boards made of vinyl on a wooden surface.

Students read QR-codes to find the information in the associated Google Sites



Here you can find the different Google Sites created for each tree:

- Carob tree: https://sites.google.com/institutcallipolis.cat/garrofer/
- Oleander: https://sites.google.com/institutcallipolis.cat/baladre/
- Pomegranate tree: https://sites.google.com/institutcallipolis.cat/mangraner/
- Olive tree: https://sites.google.com/institutcallipolis.cat/olivera/
- Tamarisk: https://sites.google.com/institutcallipolis.cat/tamariu/
- Cypress: https://sites.google.com/institutcallipolis.cat/xiprer/
- Oak: https://sites.google.com/institutcallipolis.cat/roure/

Finally, we can create different assessable activities, for example, with another Google App: Google forms, that allows us to create questionnaires adapted to each curricular content and completed during the itinerary with a mobile device or later in the classroom.

Here you can find an example of a Google Form: https://goo.gl/forms/bDmpgQOTZxqpU8452

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Use of Google in the classroom - Anatomical dissections

In the subject of Basic Anatomophysiology and Pathology, Pharmacy students, have to do dissections of different animal organs in order to consolidate students' knowledge of anatomy.

In this didactic itinerary we will use different applications, as YouTube, Google Slides and Google Forms. The steps of this didactic activity are as follows:

1. Students will have to access to YouTube to show videos recommended by the teacher about the dissection of different organs of lambs or pigs (brain, eyes, heart, lungs and kidneys).
2. We will explain to the students the information that they have to include in their videos, and that we will be the aspects we will rate:

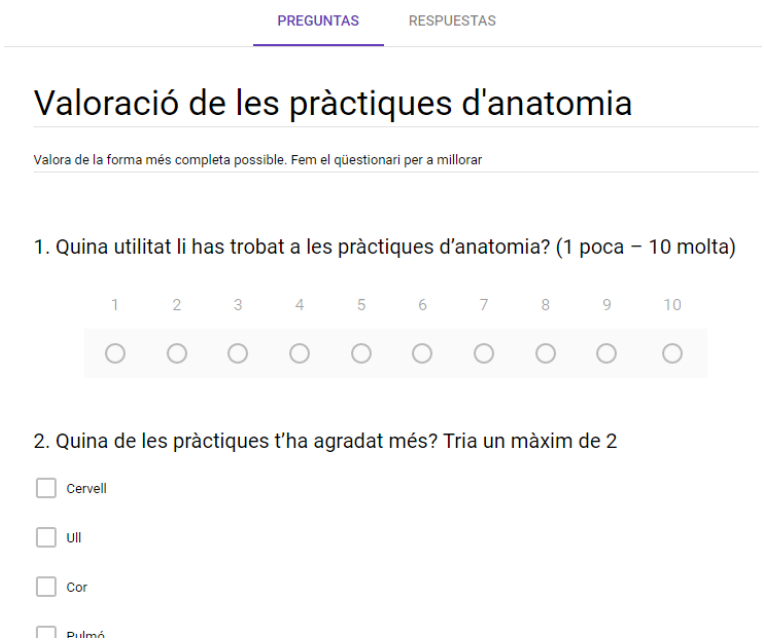
	Content	Rating
1	Cover: Name of practice, members of the group course	
2	Theoretical introduction.	
3	Material. Image with all the names and lab ware	
4	Material. 2 Images with organic material (with dimensions)	
5	Procedures (minimum 3 images). Explanation of steps	
6	Edited image with parts of the brain. Top and bottom view	
7	Procedures (explanatory video with audio) Maximum 1 minute	
8	Conclusions	
9	Edition Slides. Up to 3 minutes	
10	Video Editing (Windows Movie Maker, Camtasia ...)	

3. Organized in groups, students will have to do the dissection while recording the process and taking the photos (with their mobile phones) that they will need to edit the final video.

4. Each group will have to prepare a presentation using Google Slides, as it allows collaborative working. This presentation and the edited video will be exposed to the rest of the classmates.

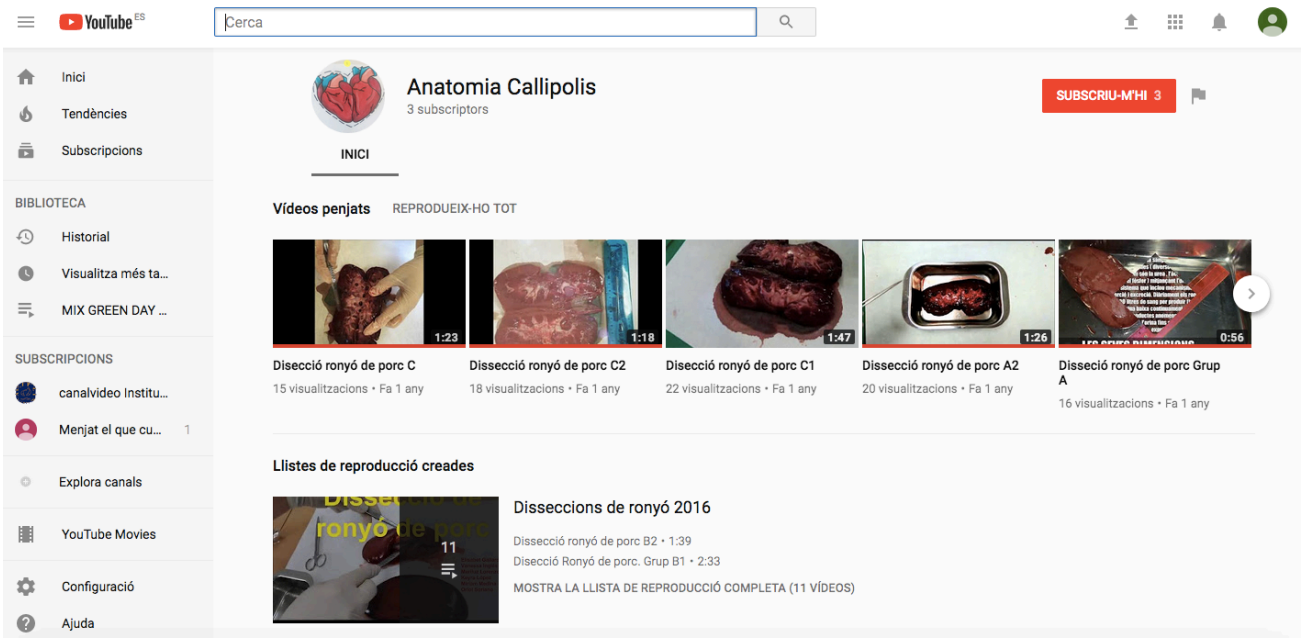
5. The students will have to assess all the presentations and also their teammates, using Google Forms, trying to emphasise aspects and areas for improvement.

6. So, the final assessment is based on self-evaluation group work, the evaluation of the teacher and peer assessment.



7. Finally, the teacher will upload the videos to the school's Anatomy YouTube Channel.

   https://www.youtube.com/channel/UC6dudHmFZqhfZKYoXTcr89g



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Step-by-step guide
Creating a Google Site

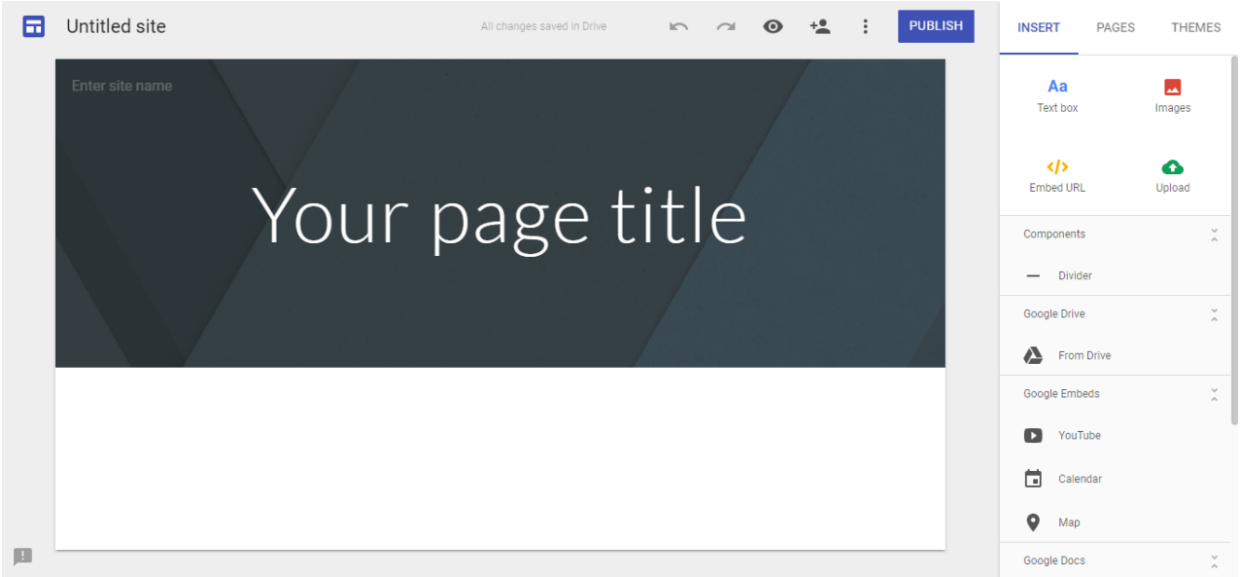
Google Sites is an online tool that allows you to create websites easily.

Advantages:

- ✓ You don't need to have HTML knowledge; you can also customize it and adapt it to your needs.
- ✓ This tool allows you to work in groups and share all kind of documents.
- ✓ The contents are hosted in your mail (no server required) and the publication is immediate.

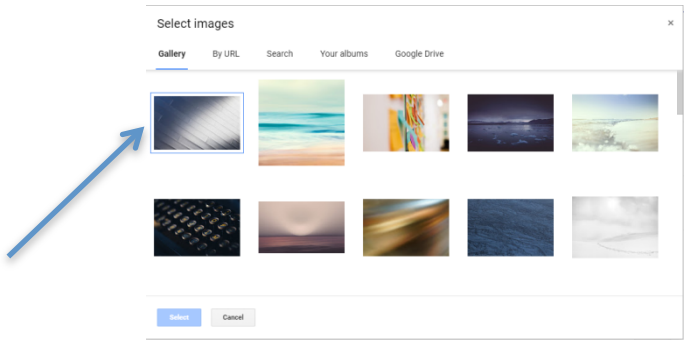
Creating your Google Site

1. Before you can create a Google Site you must have a Google or Gmail account
2. Click here to create an account if you don't already have one.
3. Log onto your Google Drive and choose NEW – Google Sites.
4. A new tab will open in your browser with your new (untitled site) ready to be filled with content.



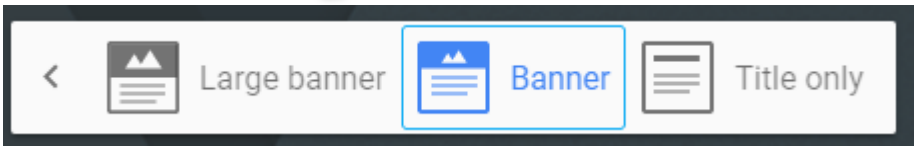
Main Sites page

1. The site title is the name of the file in Google Drive. It's as easy as writing on it.
2. The title of our web page is edited in the same way.

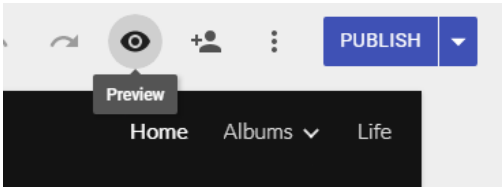


3. Change image (upload or choose one)

4. Choose the header type

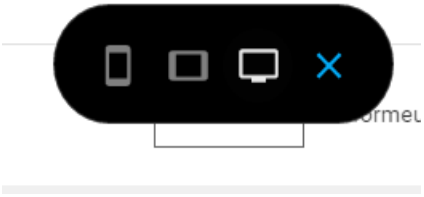


Preview your Google Site

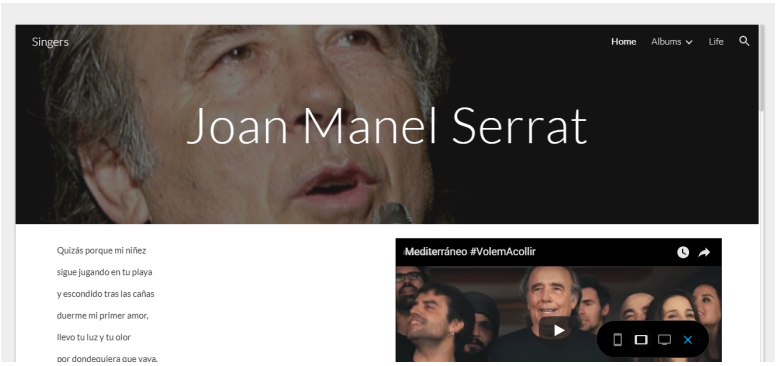


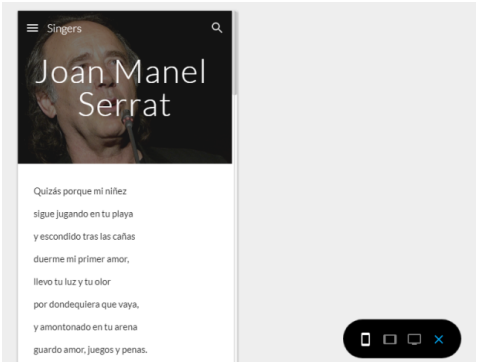
You can always check how your web page is being created.

Choose the preview option among mobile device, tablet or computer (large screen) format.

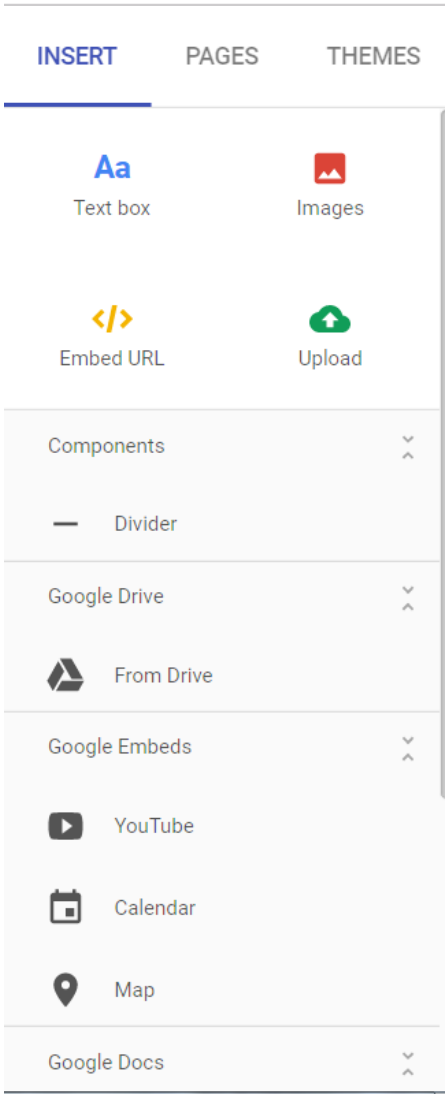


Example below: Display by tablet or mobile.





The INSERT menu



Use this menu to add content to your page.

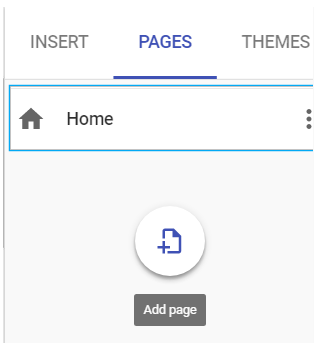
Main options

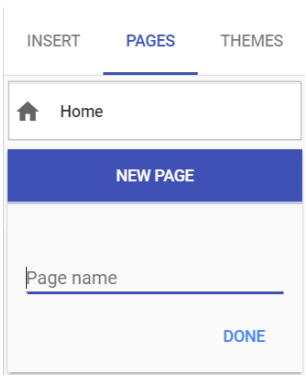
- Text box
- Images from a web (URL), Google photos or Google Drive
- Embed URL's
- Upload a file (image)
- Drive documents (Docs, Slides, Sheets, Forms ...)
- Google Embed (Calendar, Maps, Youtube ...)

The PAGES menu

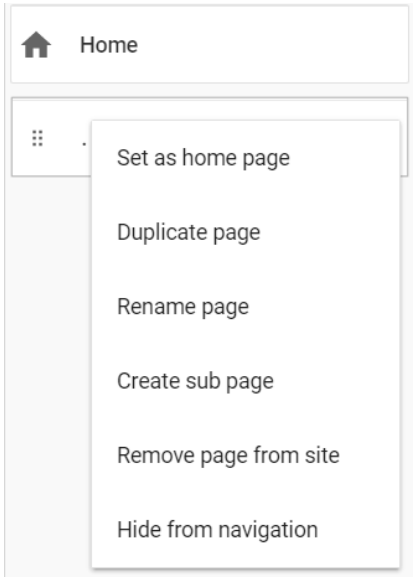
This option allows you to administer the pages on your site.

1. Click on the Add page button
2. Give the page a name and click on DONE
3. Once your page has been created you can do a number of things with it.





4. By clicking on the 3 vertical dots on the right hand side of the page icon you can access a menu allowing you to either Rename the page, Copy the page, Create a sub page, Delete the page or Hide the page from the site navigation
5. Using the symbol on the left side of the page icon you can change the order of the pages by dragging them up or down.

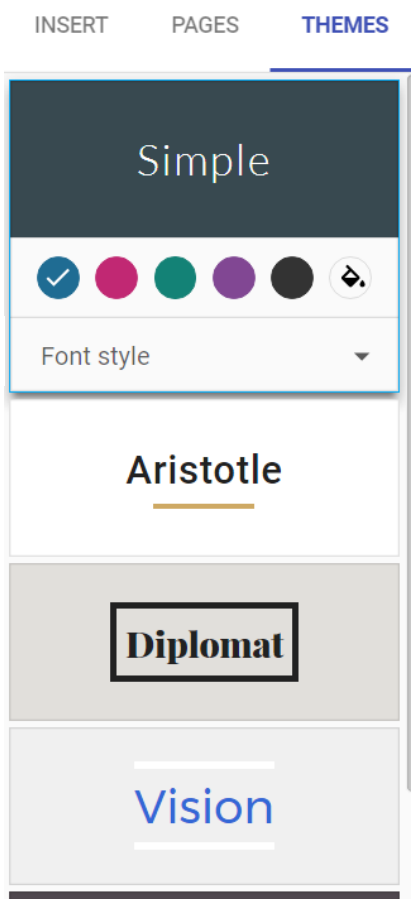


The THEMES menu

This menu allows you to choose different themes to change the style and look of your webpage

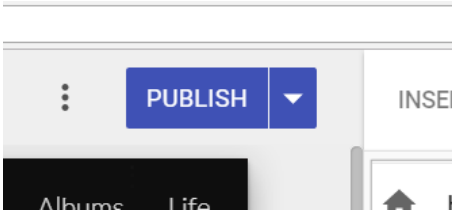
- Choose the colour of the font
- Choose the font style

NOTE: These actions can be chosen separately for each page

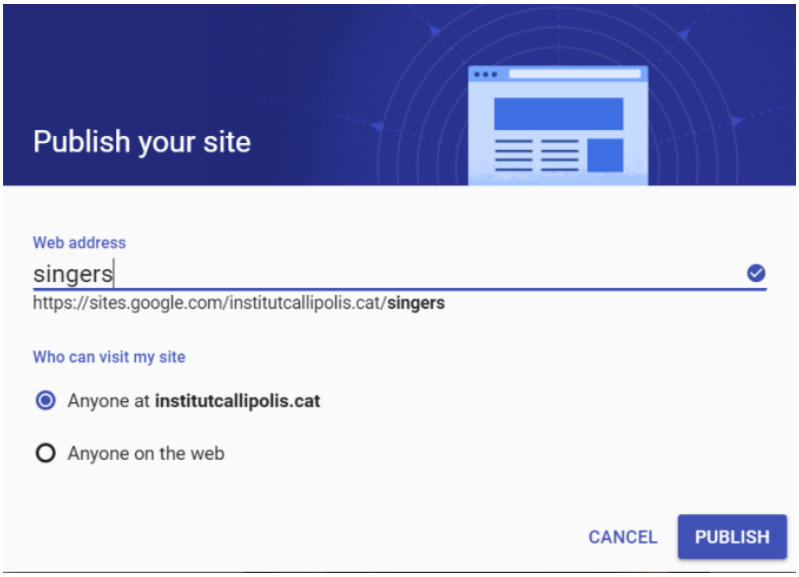


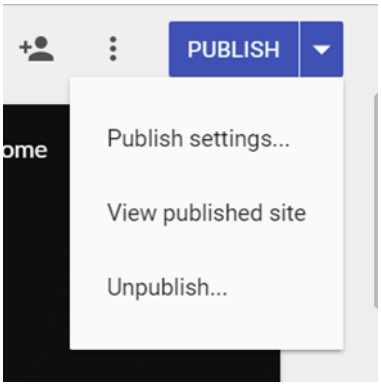
Publish your Google Site

Once you are happy with the content, look and feel of your website you are ready to publish it.



1. Click on the PUBLISH button
2. Write in the web address you want to give your website. You may have to try a few times if the name you want is already taken.
3. Choose if you want the website to be hidden from search motors (such as Google).
4. Once you have published your website you will have a new menu where you can make additional changes.





NOTE: You can always make modifications and just click on the PUBLISH button to update the public website.

You now have your URL to be able to share, link or add to QR-code.

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Step-by-step guide
Creating a Google YouTube Channel

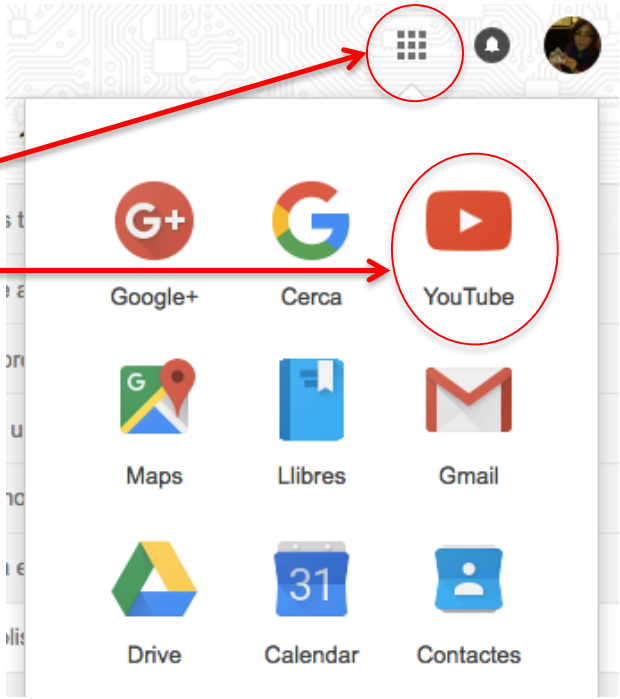
YouTube on an educational level

Almost everyone has used YouTube on an recreational level, but did you know that YouTube is just as easy to use in the classroom as in the living room.

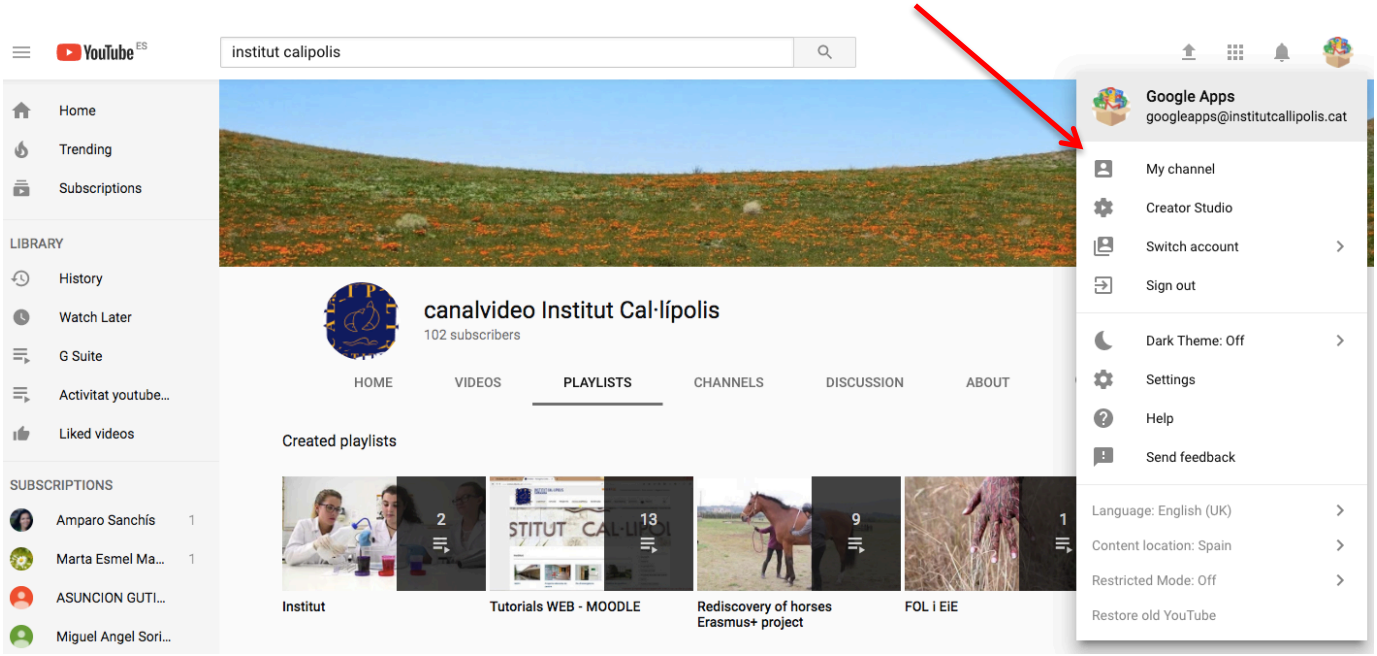
- Edit videos.
- Create playlists.
- Upload (possibility of hidden mode) and download videos.
- Visit statistics to control the views of our videos.
- Create your own materials (link video clips, webs and images) as tutorials for our students.
- Flipped Classroom methodology.

Access YouTube and open a Channel

1. Open your Google or Gmail account
2. In Google tools, choose more (this icon)
3. Choose YouTube
4. Now you can start editing it (creating playlists, subscribing to other channels etc…)
5. Click on your profile icon in the top right corner



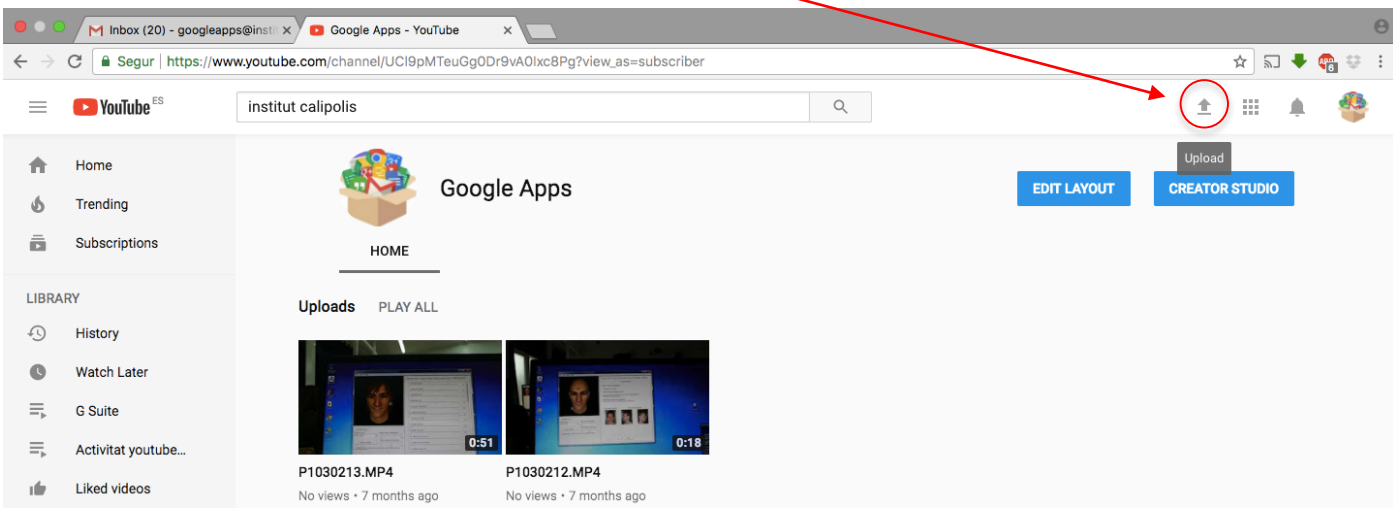
Here you can access your own Channel



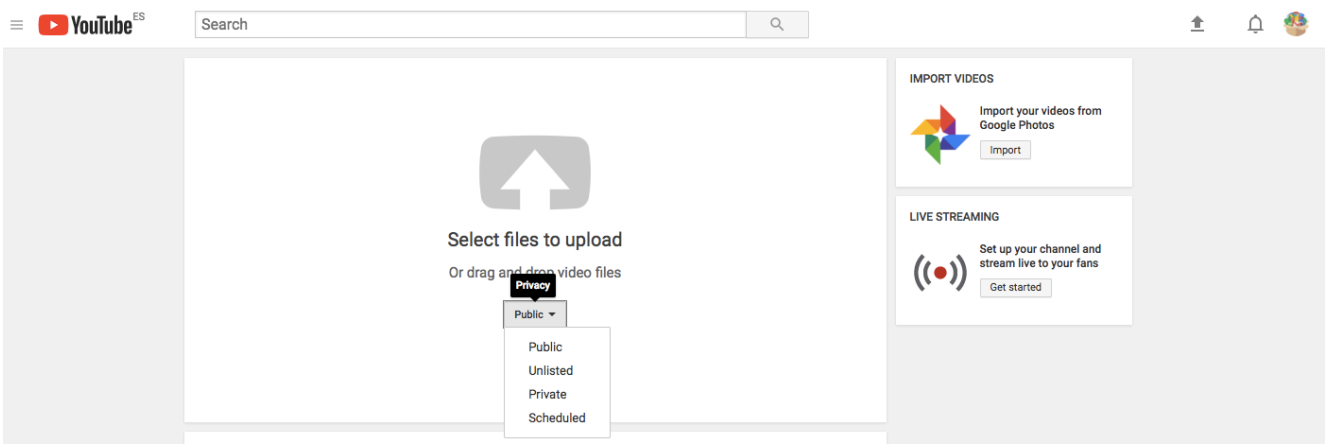
Upload videos

You need to have your channel, which is created as easy as entering your Gmail.

Upload your videos by clicking on the UPLOAD icon



This window will appear. Then, you can choose the type of privacy



You can also create playlists with your videos

Download videos

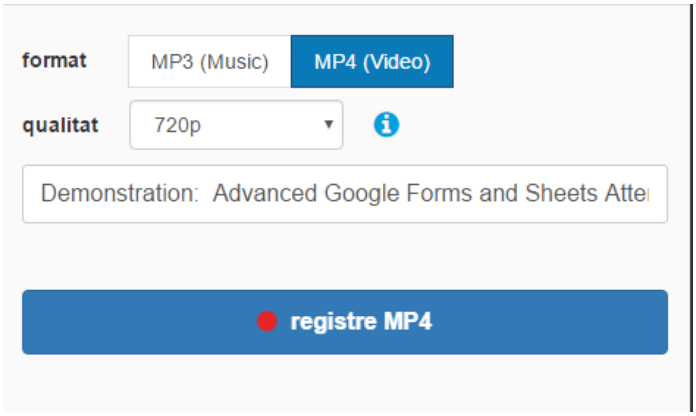
There are different ways to download vides and many apps to do so. Some can be online and you do not need to install programs:

→ Delete the letters **ube** from the URL, for example:

https://www.youtube.com/watch?v=5dsGWM5XGdg

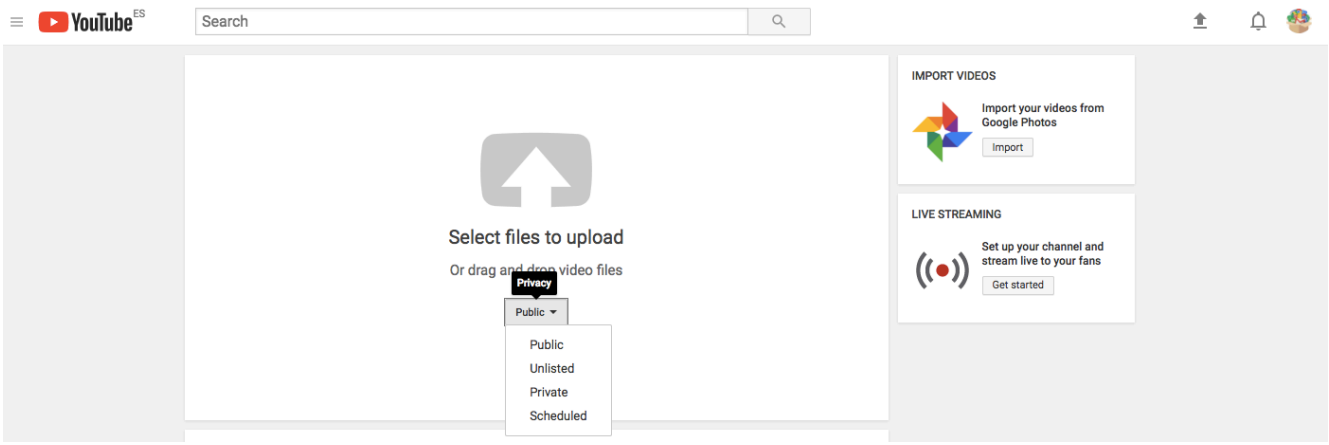
https://yout.com/video/5dsGWM5XGdg

Then, choose MP3 (music) or MP4 (video) and download it.

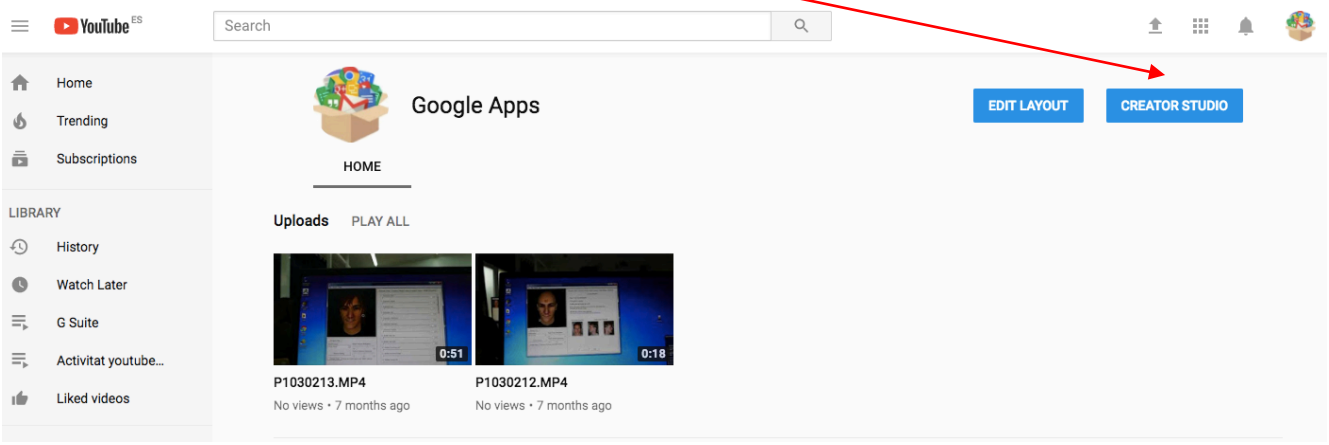


Editing videos

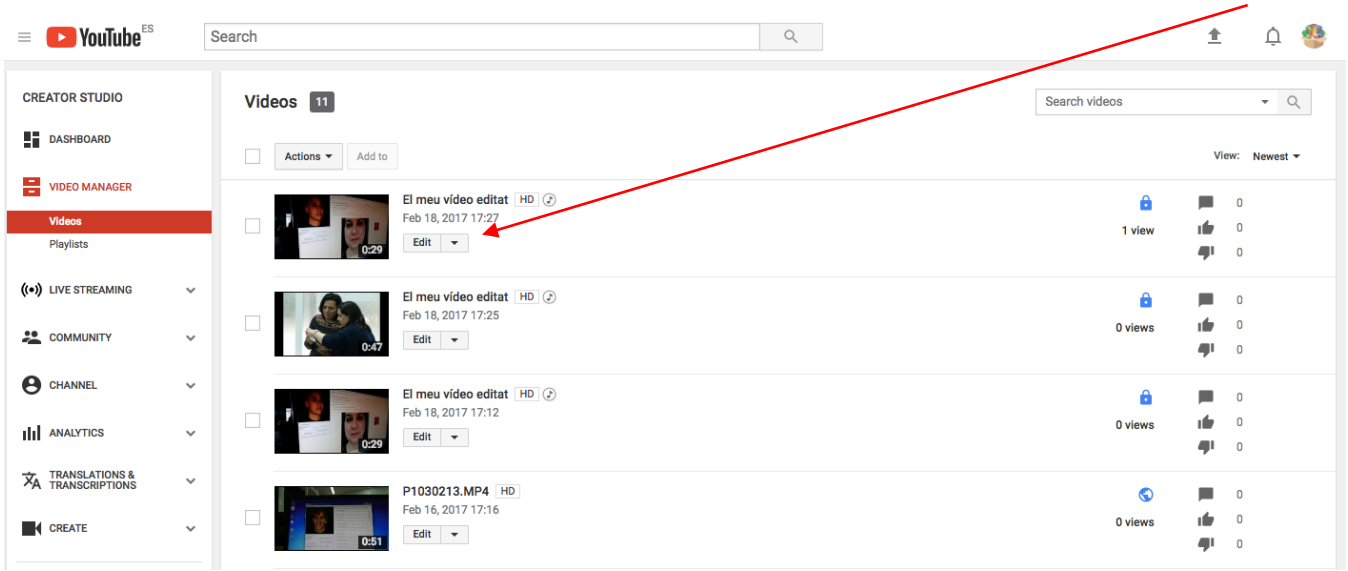
You can upload a video you have created and edit it.



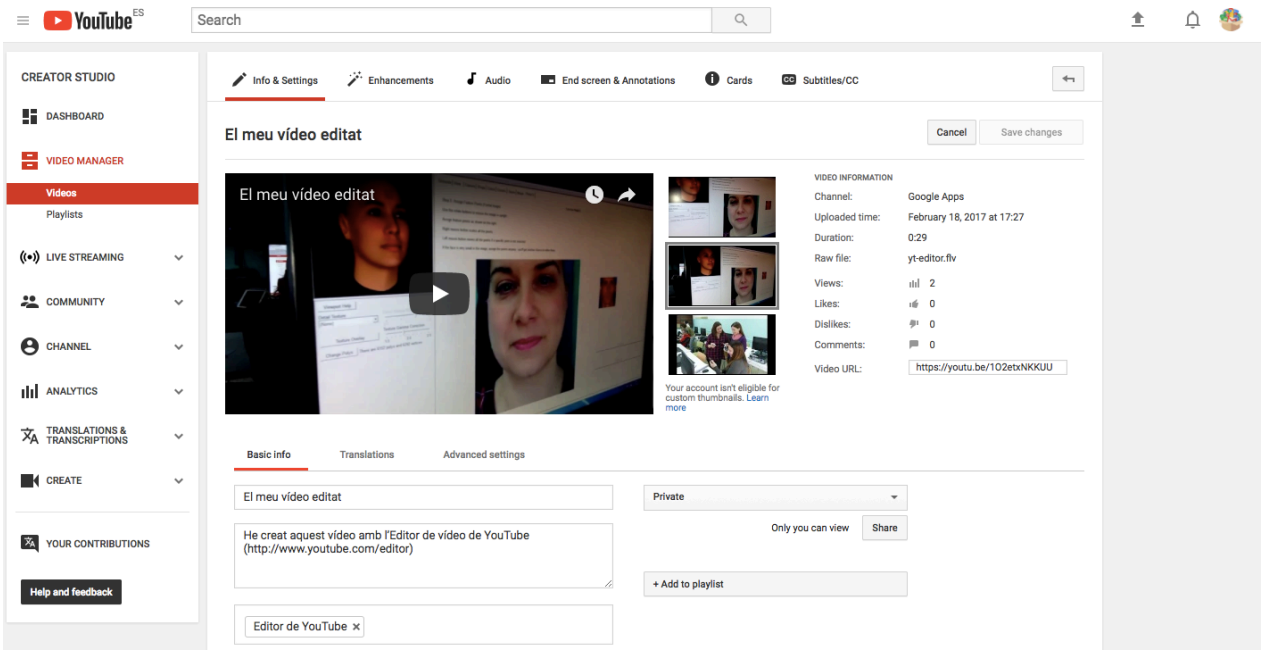
- In your channel, select “Creator Studio”



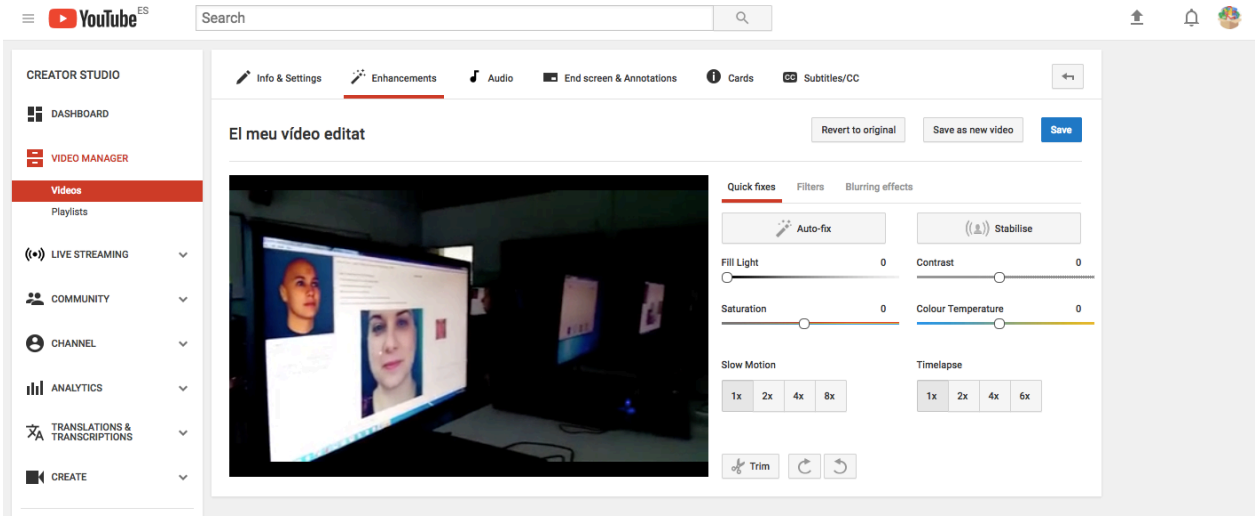
- Then you will see all the videos you have uploaded, and you can edit them by selecting “Edit”

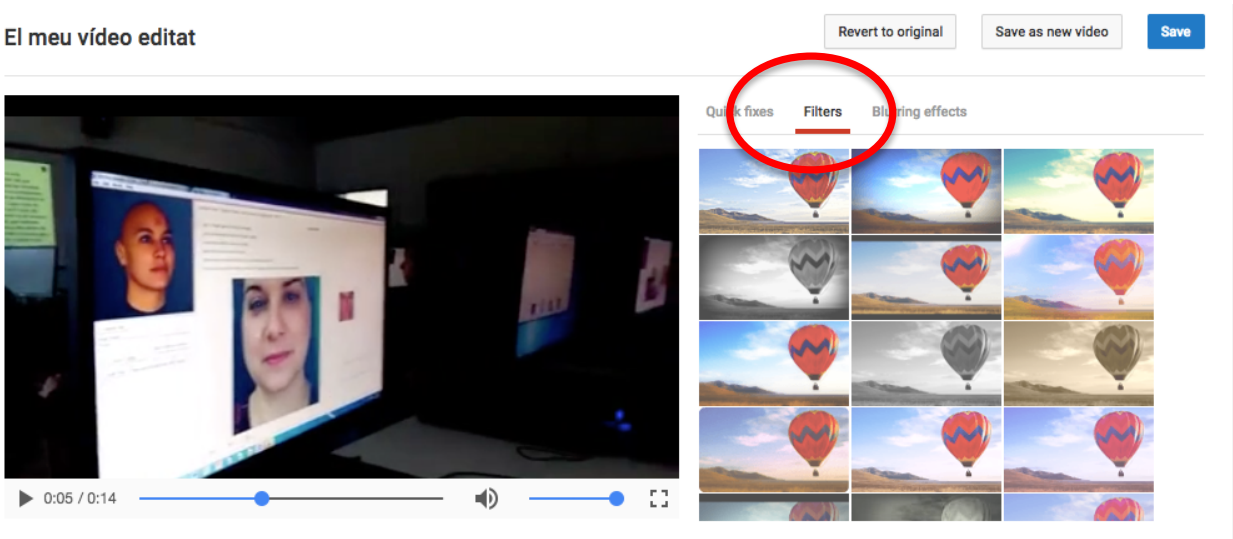


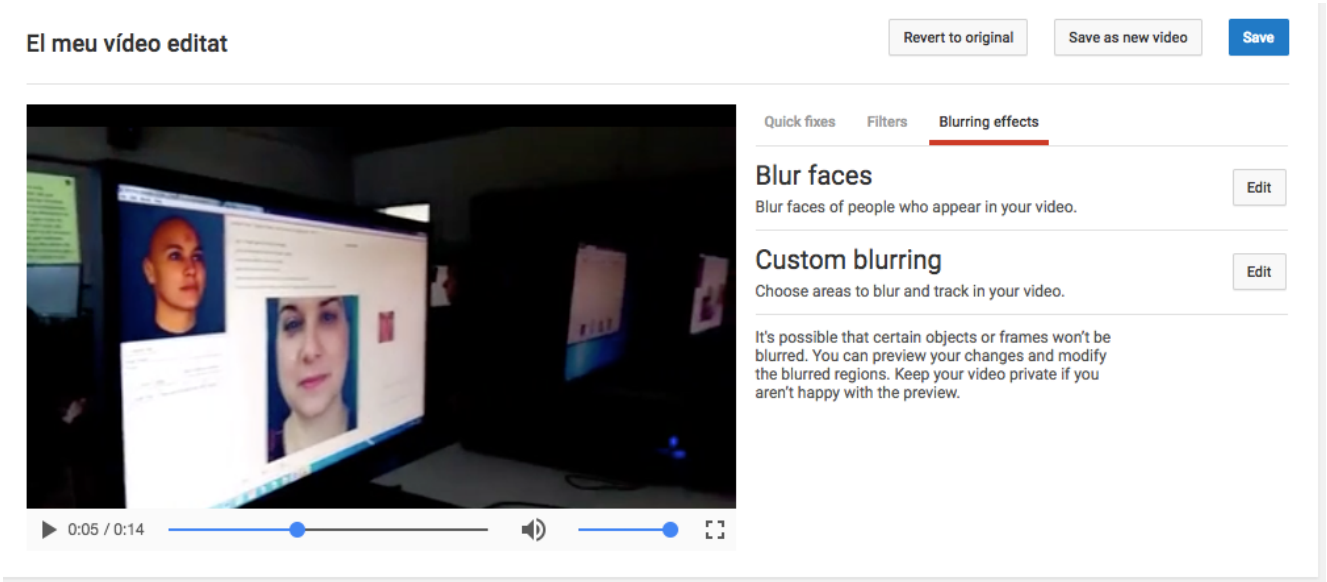
You have some basic settings: Title, description etc.

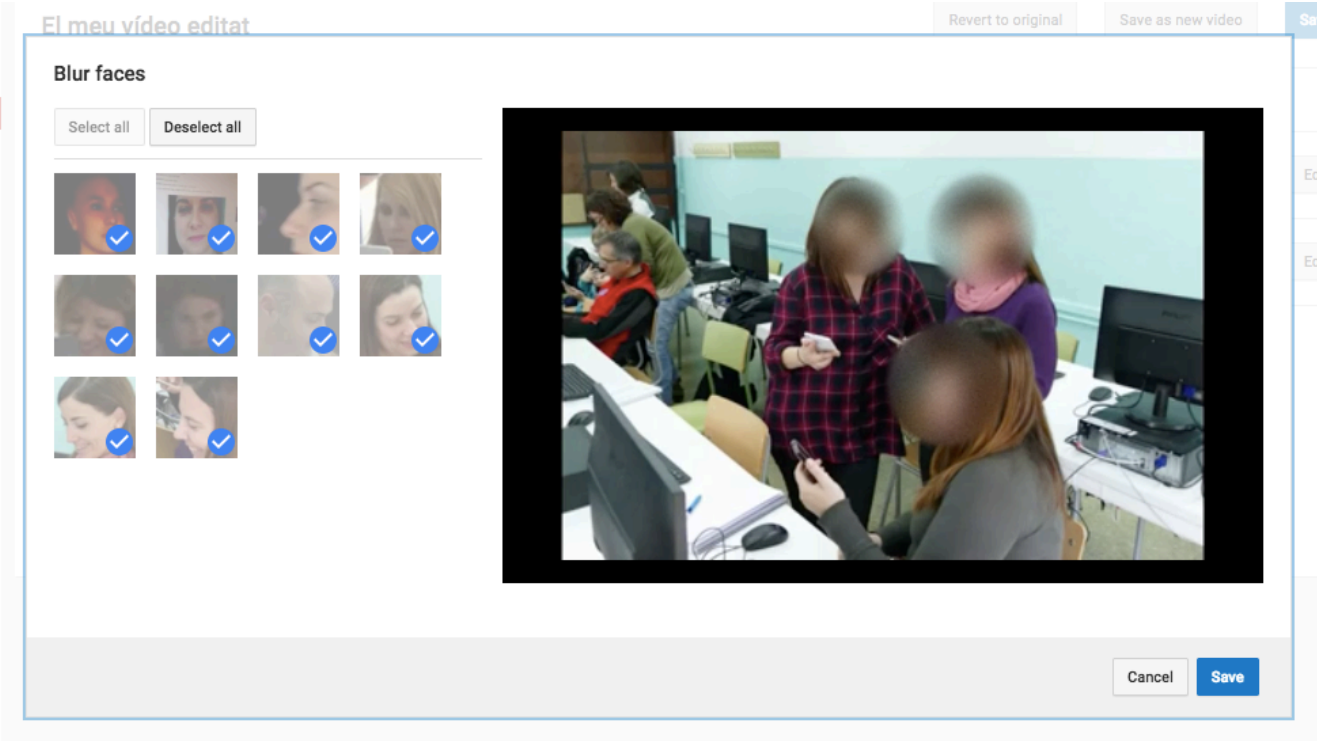


You can enhance some characteristics of your video (light, contrast, saturation, increase or decrease playback speed, add filters, blur faces…)

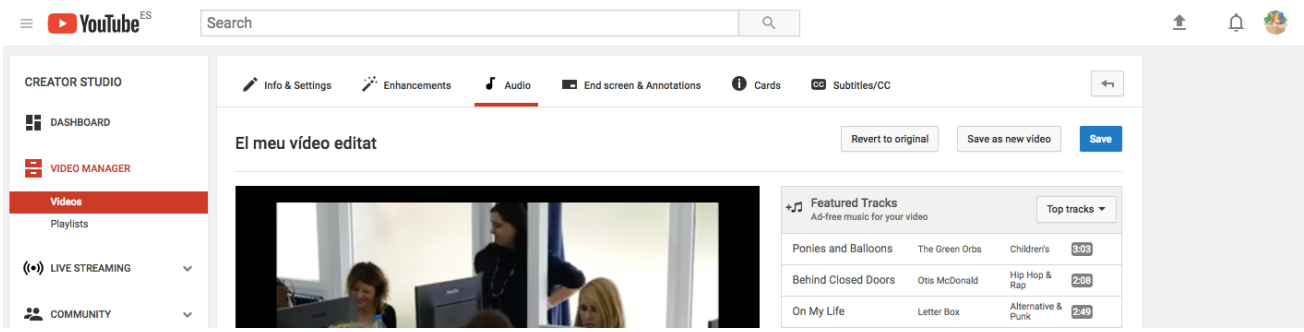








You can add music to your video, edit the end screen, add cards (URL inside the video), subtitles…



The application is very intuitive, you only need to practice with it!