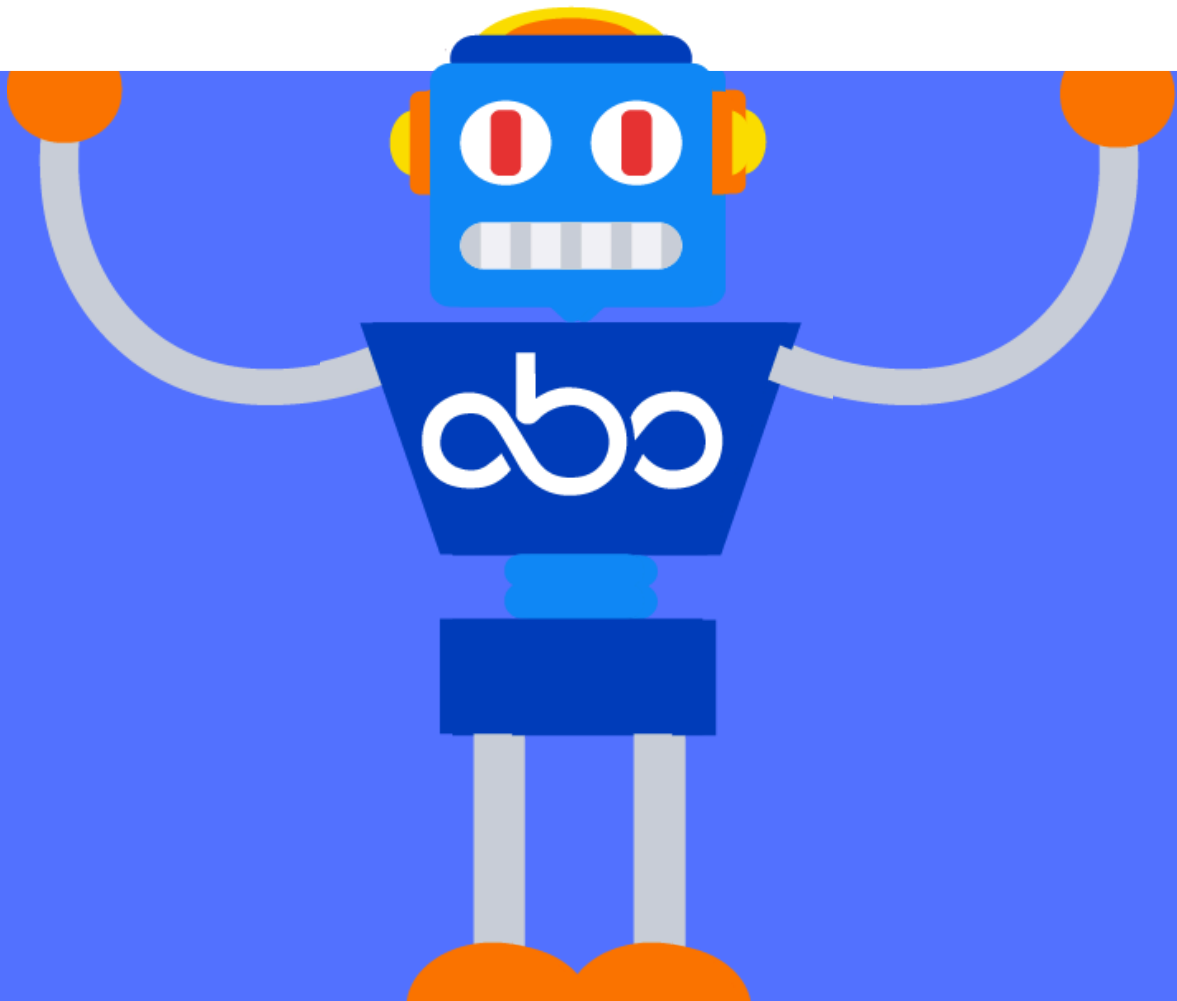


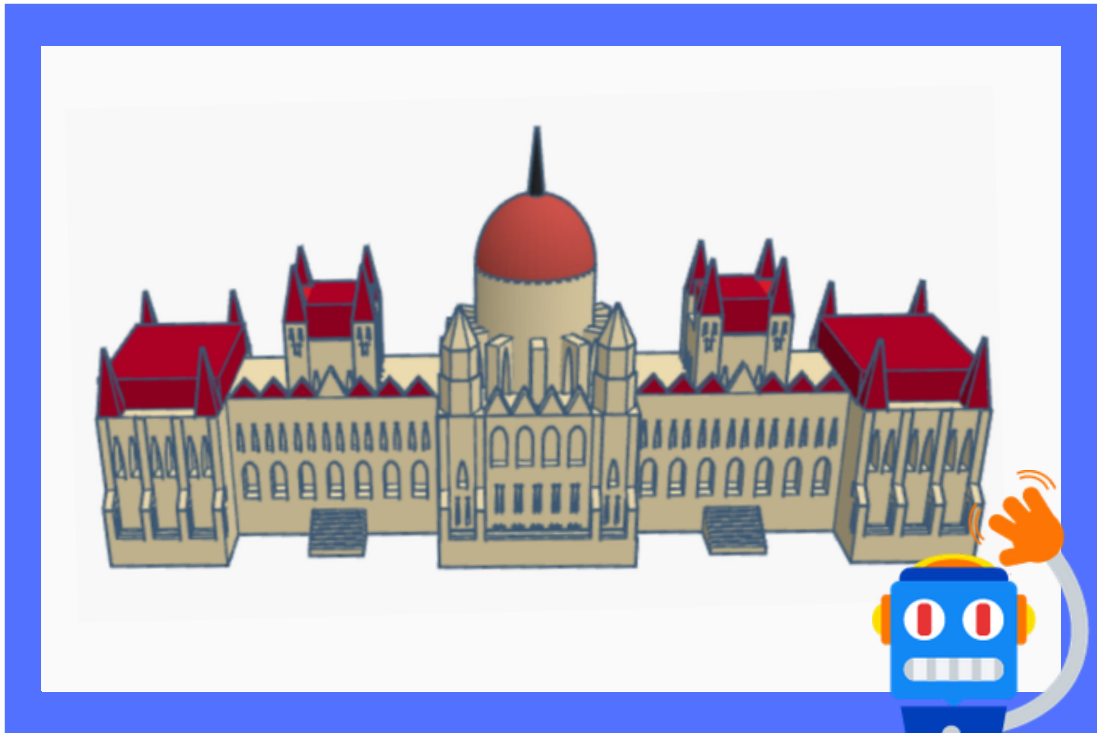


EU FOR ALL

Using Sustainable Entrepreneurship to Rebuild European Heritage for Everyone



EU FOR ALL



BUDAPEST · HUNGRÍA



HUNGARIAN PARLIAMENT





The resources of the EU FOR ALL project, including the materials kit, 3D models, and educational proposals, are undergoing continuous improvement. We are constantly working to incorporate new ideas, adjustments, and contributions from the participating teams. Therefore, both the documents and files may be reviewed and updated over time.

www.euforall3dproject.com

SUPPORTED BY:

Erasmus+
Enriqueciendo vidas, abriendo mentes.



Cofinanciado por
la Unión Europea

PARTNERS:



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- Licensing, credits, and Erasmus+ co-funding



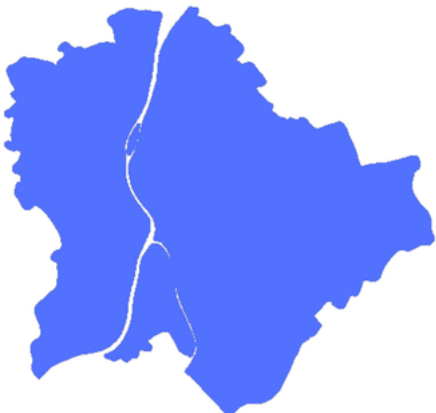


👁️ Hungary and its culture

About Hungary

Hungary is a sovereign state in Central Europe. Its capital is Budapest. It borders Slovakia to the north, Ukraine to the east, Romania to the south, Serbia to the southwest, Croatia and Slovenia to the west, and Austria to the northwest.

Hungary was part of the Austro–Hungarian Empire until 1918, when it became an independent republic. After the communist regime, the country became a democratic republic in 1989. Hungary joined the European Union and NATO in 2004 and has experienced significant economic growth in recent decades.

<u>Map of Budapest</u>	<u>Geographic information</u>
	<ul style="list-style-type: none"> • Capital: Budapest • Area: 93,030 km² • Population: Approximately 9.7 million • Language: Hungarian • Currency: Hungarian Forint (HUF) • Climate: Continental, with cold winters and warm summers.

Culture


Hungary is known for its rich cultural heritage, which includes a blend of German, Slavic, and Ottoman influences. Hungarian folk music and dance are world-renowned, as well as its cuisine, with dishes such as goulash, pörkölt, and lángos. Hungary has also produced numerous notable composers and musicians, such as Franz Liszt and Béla Bartók.

Other Interesting Facts

- **Festivities:** Hungary celebrates its national day on August 20th, known as St. Stephen's Day. Easter is also celebrated in grand style.
- **Heritage:** The country boasts several UNESCO World Heritage sites, including the Buda Castle District, Lake Hévíz, and the Aggtelek Caves.
- **Sports:** Football is very popular in Hungary, as well as water sports such as water polo, in which Hungarians have achieved significant international success.

 **Let's look for it in the European Union.**


Where is Hungary? Can you find it? Color it on the map and mark where the capital, Budapest, is located. Once you find it, mark the city's location with a colored dot.

 Marks the city of Budapest

 **Reading Comprehension**

Once you have read the information about Hungary, answer the following questions:

- What language is spoken in Hungary?
- What currency do they use?
- What are some of its most typical dishes?
- When is their most popular holiday celebrated? What is celebrated?
- What is the most popular sport in the country?



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Virtual Tour in Budapest

Budapest is a city divided by the Danube River and has two areas: Buda and Pest. Could you find out which area the Hungarian Parliament is located in? Create an itinerary to visit at least three important monuments in the city, ending at the Hungarian Parliament.

- You may use the following applications: Google Maps, Wikipedia, etc.

Write your itinerary here



Fun with Flags

Search for information about the flag of Hungary and write down the aspects that stand out to you the most.



The flag of Hungría...



Look for some information about the building

- In what year was it built and by whom?
- Is it the largest building in the country?
- What materials are used to decorate its interior?
- Can it be visited?
- Can you find the exact coordinates of the building?

- It was made....

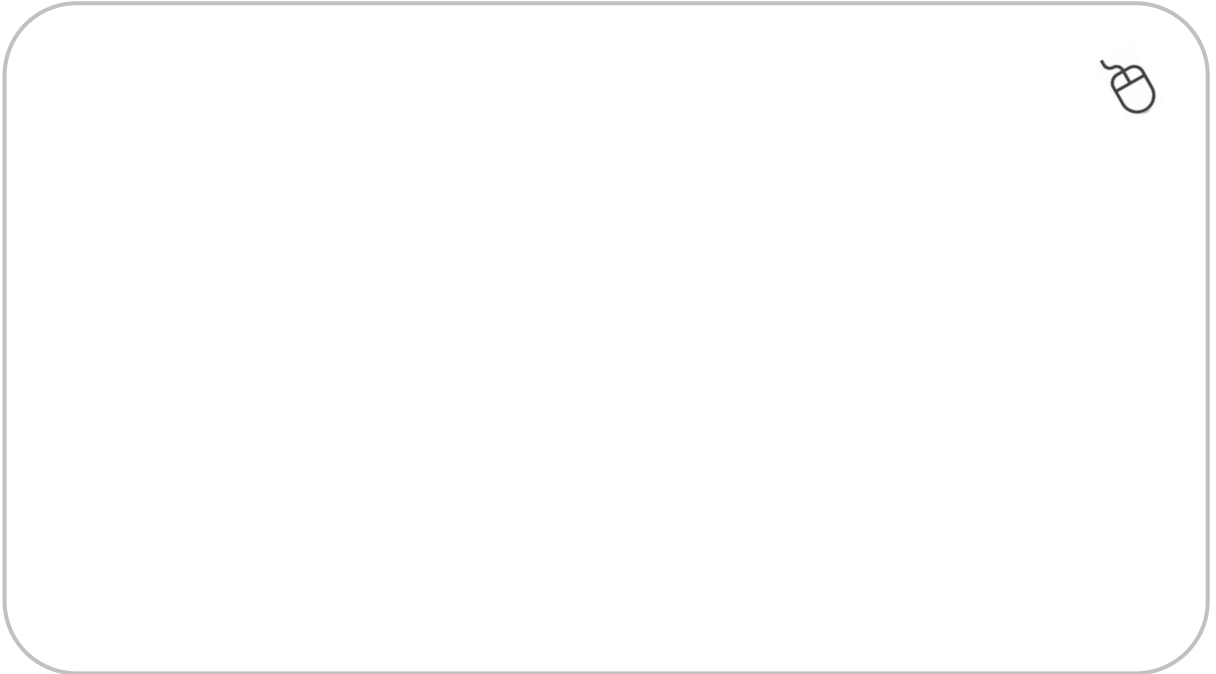
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🕒 Design test! Countdown!

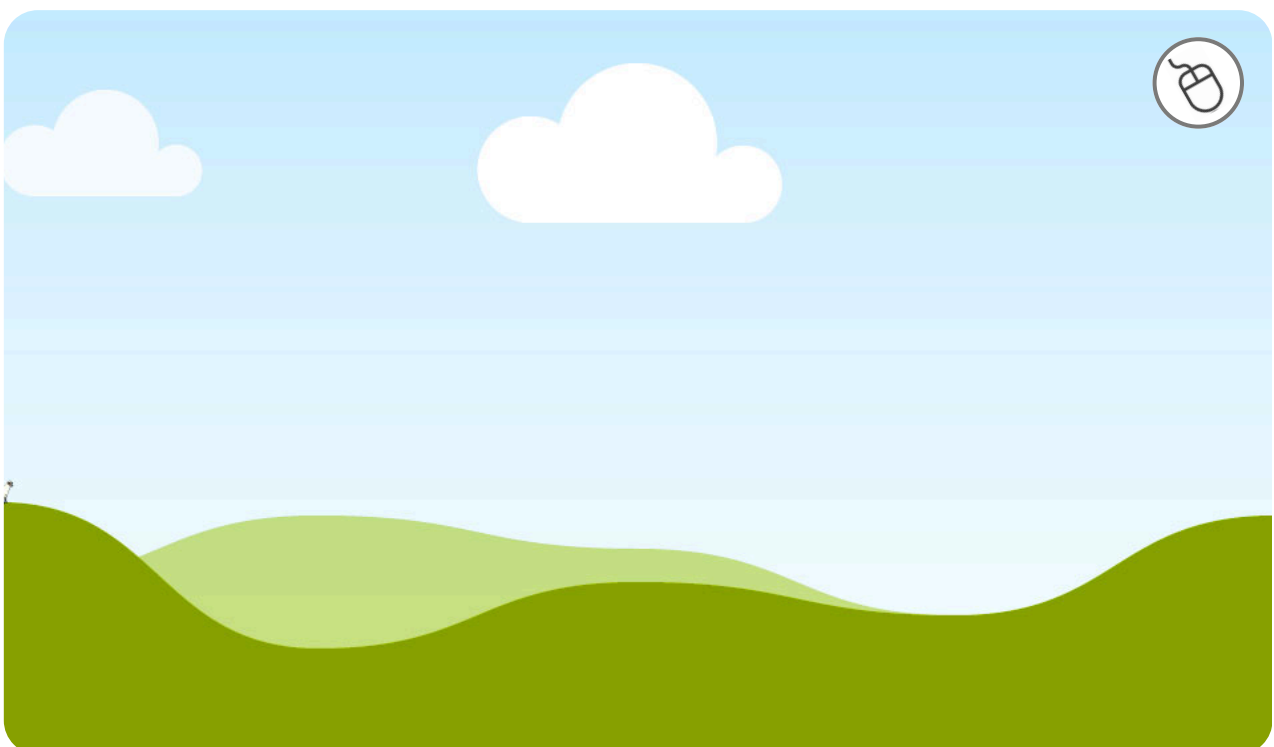
If you had to draw the Hungarian Parliament using basic geometric shapes, how would you do it? Remember not to add details. You have __ : __ minutes.

Geometric shapes



🌟 Create your digital postcard!

Budapest is the capital of Hungary and is located in the center of the country. Could you find out which area the Hungarian Parliament is located in? Take a screenshot or find a photo of the monument, insert it in a frame, and create your Budapest postcard. You can use Google Earth or Google Maps.





3D Design of the building

Do you dare to design the Hungarian Parliament? Follow the instructions given in the tutorial video.

We recommend:

- Search for the monument on Google Earth.
- Download photos from different viewpoints.



Printing parameters

We've tested these designs with parameters that gave us great results using PLA as the material. That said, every 3D printer is different, so you might need to tweak some settings to achieve the best quality.

That's the wonderful (and sometimes frustrating) part of 3D printing! We encourage you to experiment and adapt the settings to your machine. If you improve the results, let us know!

Layer height	0.2	Walls	2
Speed	250 mm/s	Top/Bottom Layers	6/3
Temperature	190°C- 210°C	Travel Speed	400 mm/s
Infill	15%	Bed adhesion	No

It's important to consider factors such as whether your printer requires supports for certain parts of the model, how it handles bridging, and other details that may vary depending on your machine and the slicer you use.

Create your video about Hungary

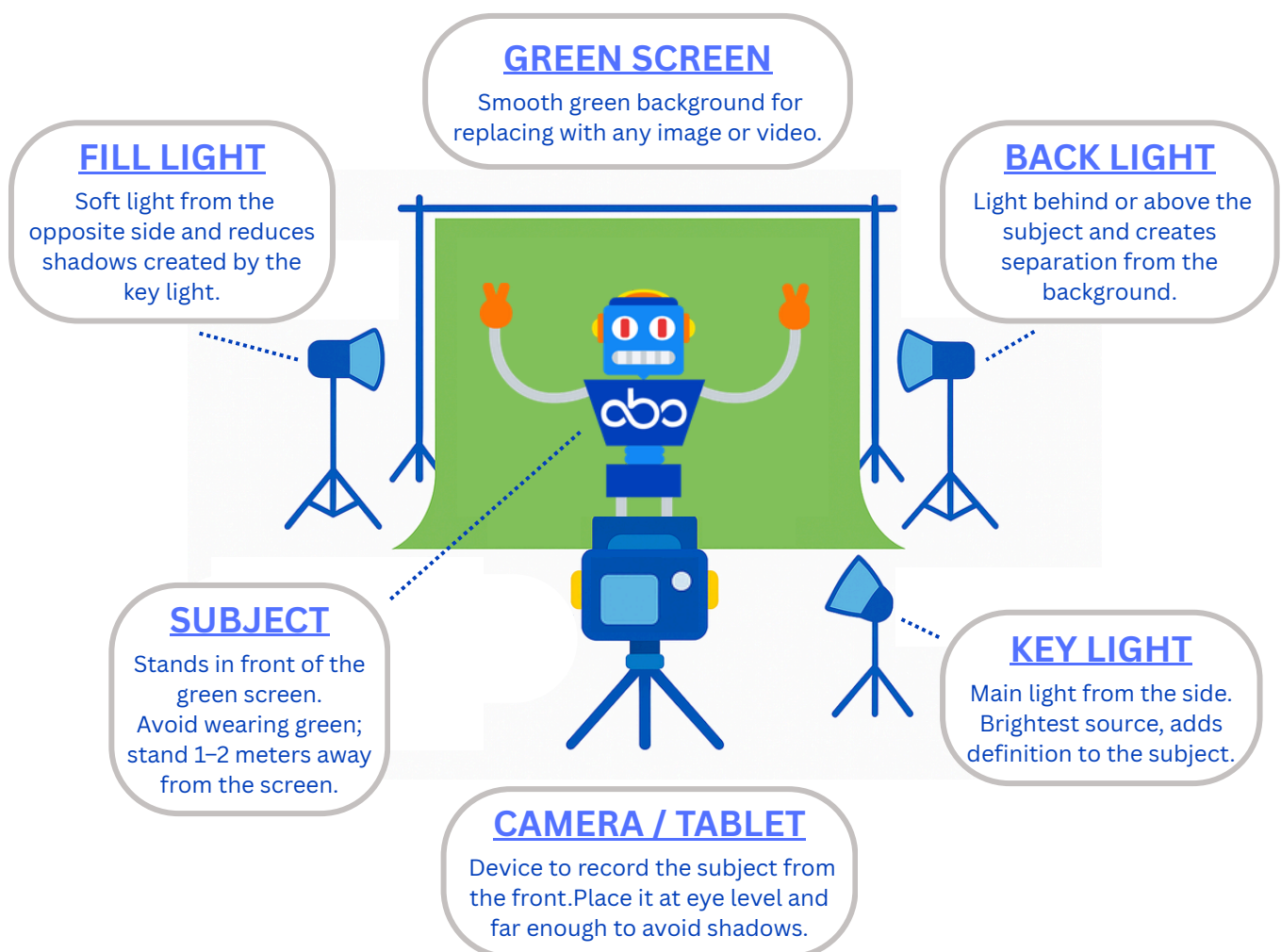
Create a **short video** where you present your virtual tour itinerary of the country you studied, using a **green screen background**.... What do you have to do?

- **Think about the route** you created in your “Virtual Tour” activity.
- Write a **short script** as if you were a travel guide or presenter. Example:

“Hi, I’m [Name] and welcome to our tour in [Country]! Today we’ll visit three amazing places. We start in... and finish in...”

- Use a **green wall, a simple colored background** or a green cloth.
- **Record your video** using a tablet or smartphone.
- Add your **digital postcard** or **background image** using CapCu or OBS Studio
- **Share your video** with your class and with us at www.euforall3d.com!

[This is how you should set up your green screen to record your video correctly!](#)





Let's learn how to use artificial intelligence

Design a creative image using artificial intelligence, based on what you've learned about the country. Your artwork will be part of our European Digital Alrt Museum! What do you have to do?

- **Think about what you've discovered:** monuments, traditional clothes, nature, legends, people, food...
- **Imagine a picture** that shows all that. It can be real, magical... or both!
- **Write a prompt** to tell the AI what to create.

What is a prompt?

A prompt is a sentence or idea you give to an AI image tool. It helps the tool understand exactly what kind of picture you want. The more creative and clear you are, the better the image will be!

Example:

"A child in traditional [Country] clothes standing in front of a magical castleduring a festival with fireworks."

- **Use an AI tool** like Deep AI or Canva AI to create your image.
- Save or print your artwork and place it in the special frame for our **European Digital Alrt Museum**.
- **Give your image a title and write one short sentence** explaining what it shows.



Add the title

My artwork represents a....

Please provide the title of the work, the artist's full name, country of origin, and age

My artwork represents a....



Share your artwork at the European Digital Art Museum: www.euforall3d.com

Terms of Use and Funding

The educational materials developed within the framework of the **EU FOR ALL** project, led by the consortium of **OBO - We Teach Robotics**, have been designed to **promote digital inclusion and technological literacy**.



These materials aim to provide accessible and engaging learning experiences that foster key competencies in digital skills, problem-solving, and critical thinking. Through interactive and hands-on approaches, **the project seeks to empower learners of all backgrounds** by equipping them with the necessary tools to navigate an increasingly digital world.

Developed in collaboration with experts in education, technology, and inclusion, these resources reflect the commitment of the **EU FOR ALL** consortium to innovation in education and the reduction of the digital divide.

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This material has been developed within the framework of the **Erasmus+ Programme** and has received co-funding from the European Union.



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