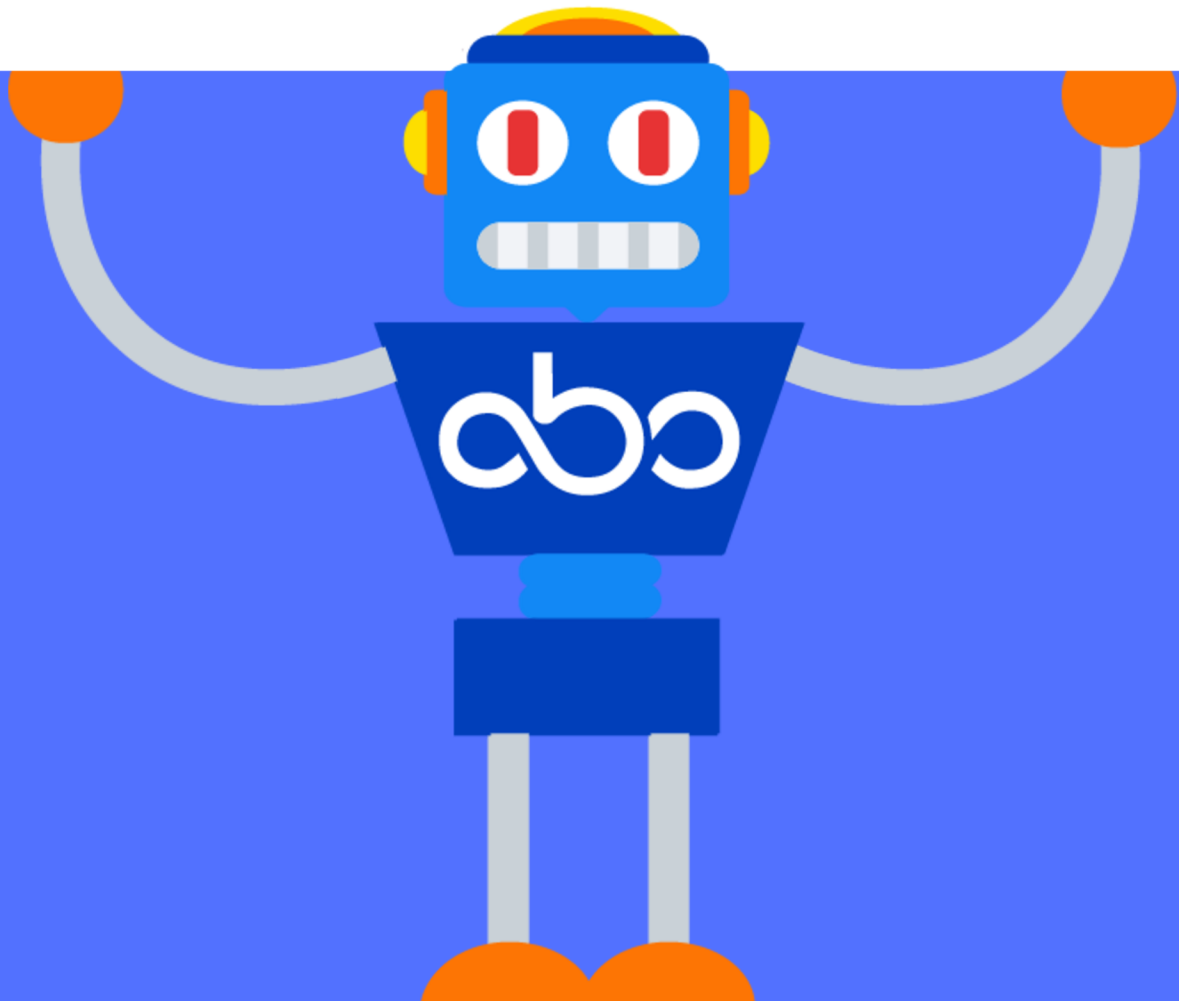




EU FOR ALL

Using Sustainable Entrepreneurship to Rebuild European Heritage for Everyone







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.



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PARTNERS:



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Terms of Use and Funding

- Licensing, credits, and Erasmus+ co-funding





👁 Serbia and its culture

About Serbia

Serbia is one of the sovereign states of Europe. Its capital is Belgrade. Located in the Balkan region, it is a landlocked country. It borders Hungary to the north, Romania and Bulgaria to the east, North Macedonia and Albania to the south, and Montenegro, Bosnia and Herzegovina, and Croatia to the west.

The dissolution of Yugoslavia in the 1990s marked the birth of Serbia as an independent state, leading to a process of democratic and economic consolidation. In 2012, the country obtained candidate status for the European Union, strengthening its integration into the political and economic sphere of Europe.

<u>Map of Belgrade</u>	<u>Geographic information</u>
	• Capital: Belgrade • Area: 88,361 km² • Population: 6.7 million • Official language: Serbian • Currency: Serbian dinar (RSD) • Climate: The climate in Serbia is continental, with hot summers and cold winters. In the northern part of the country, winters can be more severe, while in the south, the climate is somewhat milder.

Culture

In Serbia, traditional clothing varies by region, but in general, women wear the "nošnja," an outfit consisting of long skirts, embroidered blouses, and headscarves, while men wear embroidered shirts, vests, linen pants, and wide belts. These garments are worn at folk events.

As for the cuisine, one of the most typical dishes is "Ćevapi," small sausages made from minced meat, served with flatbread, chopped onions, and sour cream.

Other Interesting Facts

- Festivals: One of the most important celebrations in Serbia is "Slava," an Orthodox holiday in which each family honors its patron saint. It is celebrated with a special meal, prayers, and family gatherings.
- Heritage: Serbia has several UNESCO World Heritage sites, including the Studenica Monastery, the Visoki Dečani Monastery, and the archaeological site of Lepenski Vir.
- Sports: The most popular sport is basketball, but tennis is also prominent, with figures like Novak Djokovic.

 Let's look for it in the European Union.

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

 Marks the city of Belgrade

 **Reading Comprehension**

After reading the information about Serbia, answer the following questions:

- Where is it located?
- What is its capital?
- What is its climate like?
- In what year did Serbia become an independent state?
- Does it have any UNESCO World Heritage sites? Which ones?





Virtual Tour in Belgrade

Belgrade is a city located on the banks of the Danube and Sava rivers and is divided into two main areas: the northern part, known as Vračar, and the southern part, where the historic center is located. Could you find in which area the Name of May Cathedral is? Create an itinerary to visit at least 3 important landmarks in the city and finish at the Name of Mary Cathedral.

- You can use applications like Google Maps, Wikipedia, etc.

Write your itinerary here



Fun with Flags

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



The flag of Serbia...



Look for some information about the building

- In what year was it built and by whom?
- Was its construction ever halted? Why?
- Besides being a church, what other functions did it have in the past?
- Can you find the exact coordinates of the building?
- What material is it made of?

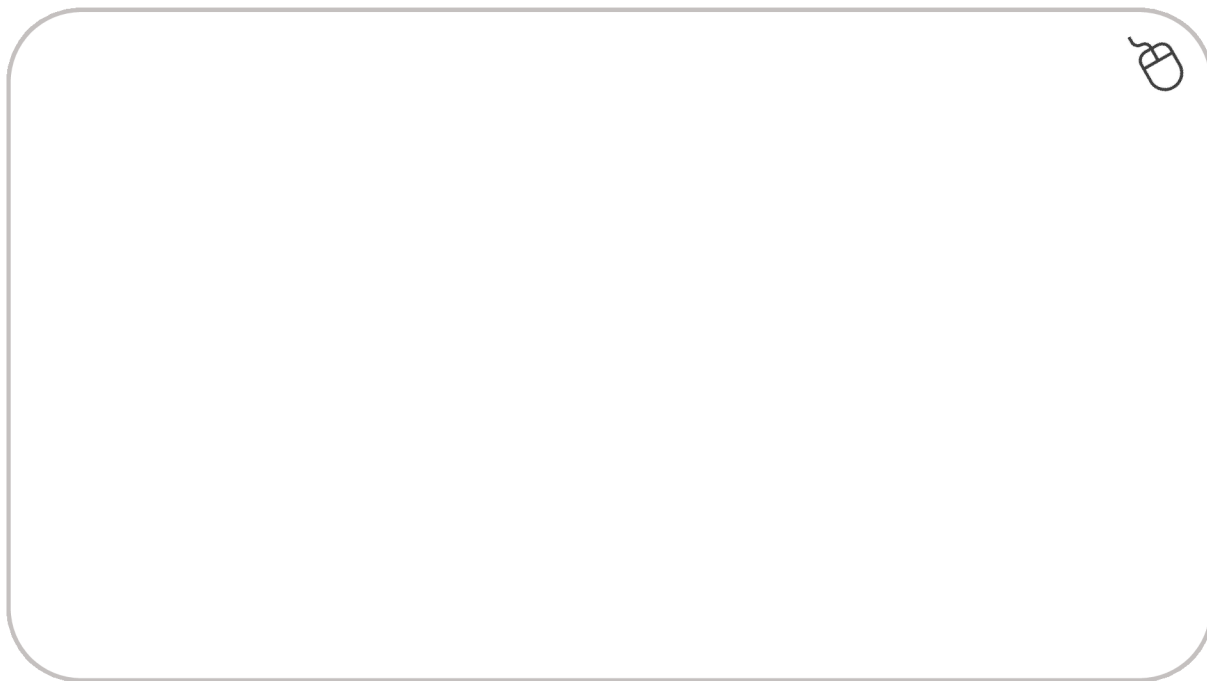
• It was built by...

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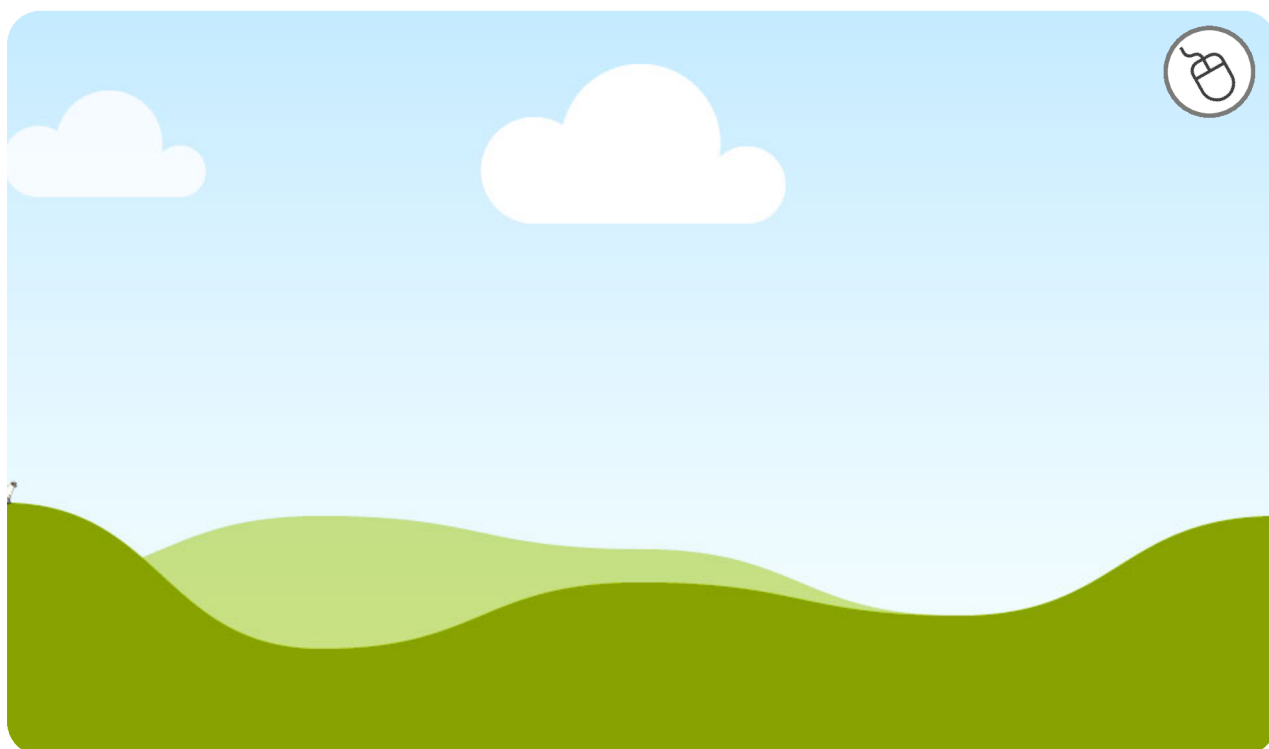
 Design test! Countdown!

If you had to draw the Name of Mary Cathedral using basic geometric shapes, how would you do it? Remember not to draw details. You have _ _ : _ _ minutes.

Geometric shapes

 **Create your digital postcard!**

Belgrade is a city located on the banks of the Danube and Sava rivers. Could you find in which area the Name of Mary Cathedral is? Take a screenshot or find a photo of the monument, insert it into the frame, and create your postcard of Belgrade. You can use: Google Earth or Google Maps.





3D Design of the building

Do you dare to design the Name of Mary Cathedral? Follow the instructions given in the tutorial video.

We recommend:

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



Scan the QR code to watch the Name of Mary Cathedral tutorial video.



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	4/3
Temperature	190° - 210°	Travel Speed	290 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 Serbia

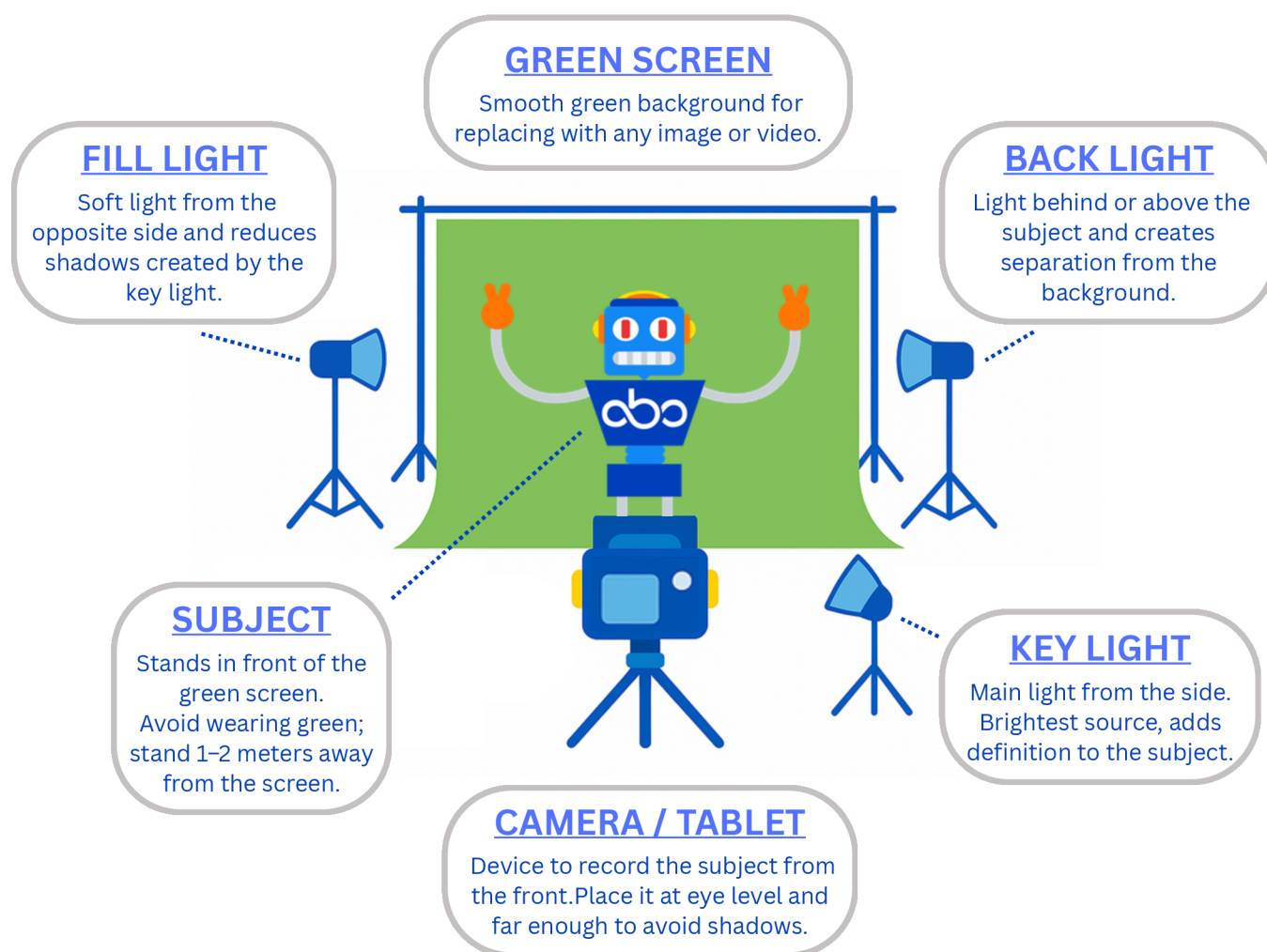
Create a **short video** where you present your virtual tour itinerary of the country you studied, using a **green screen background**.... What do you have to do?

- 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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Co-financing Emblem

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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