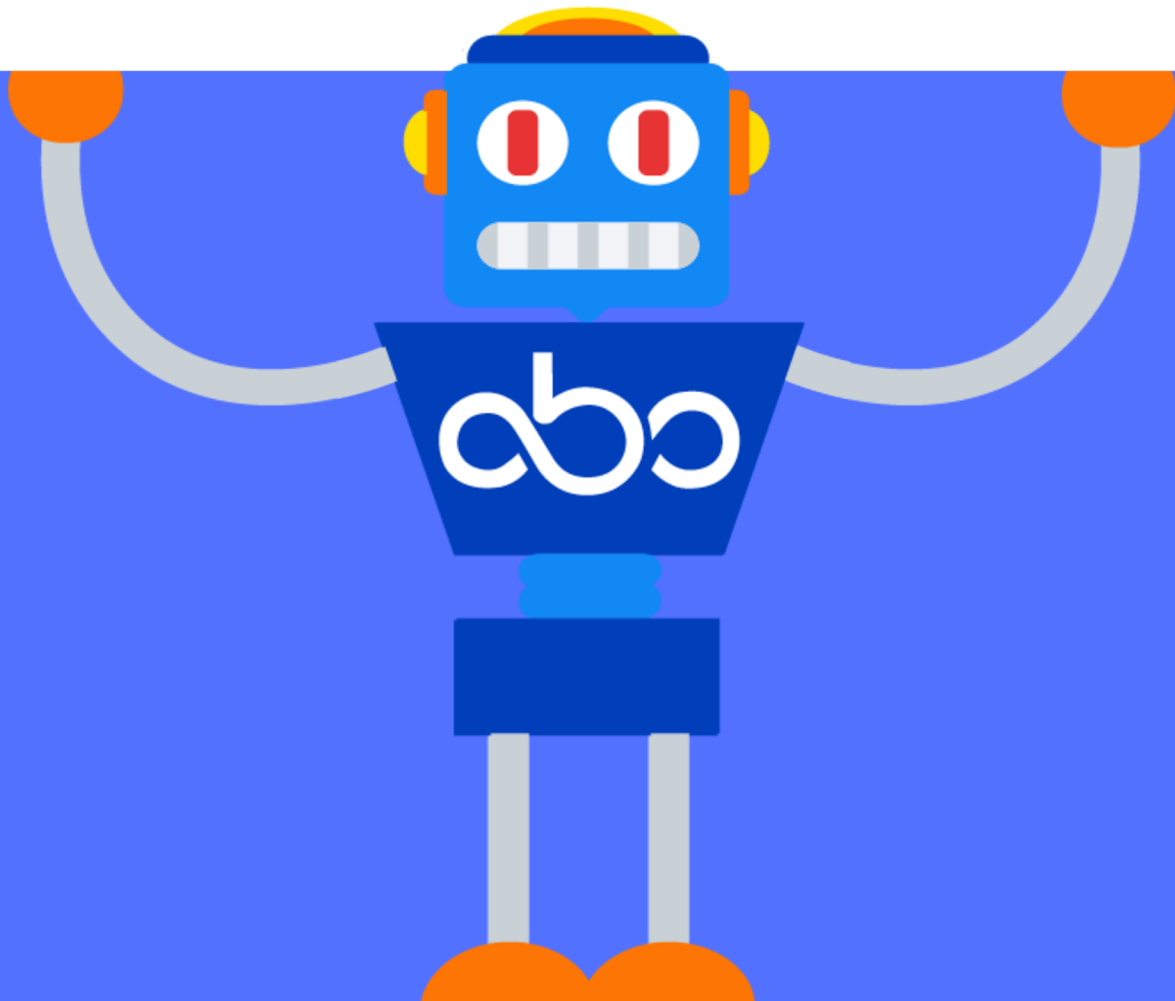


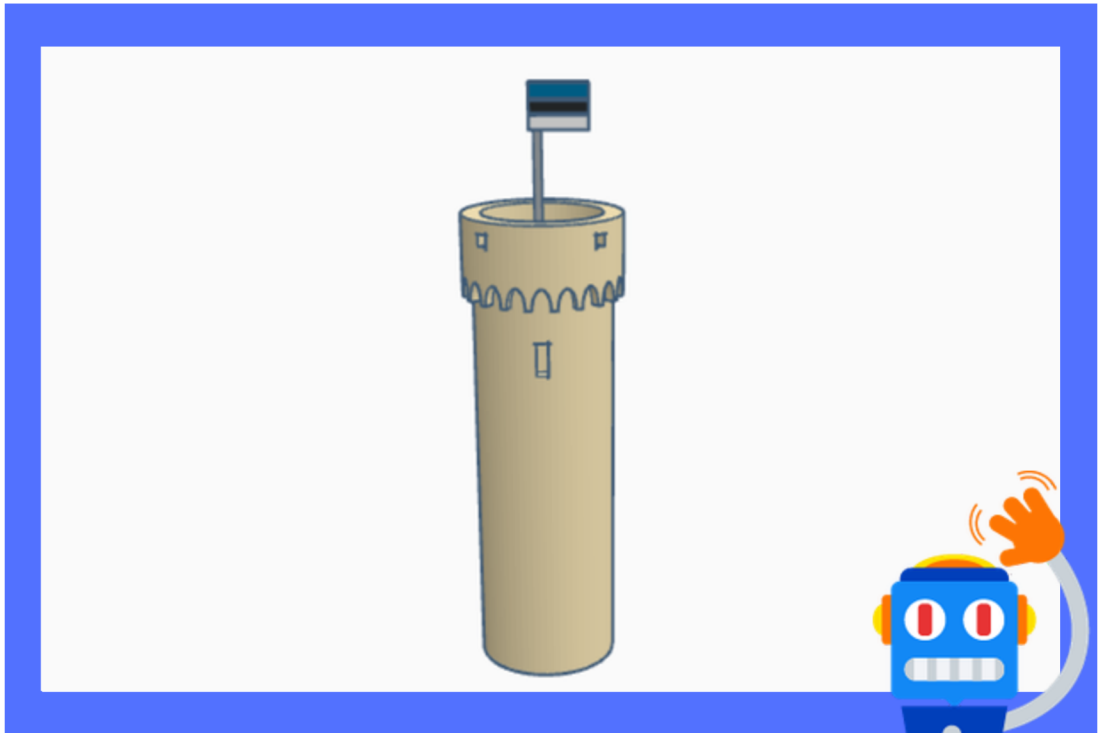


EU **FOR** **ALL**

Using Sustainable Entrepreneurship to Rebuild European Heritage for
Everyone



EU FOR ALL



TALLIN · ESTONIA



PICK HERMANN





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

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PARTNERS:



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- Connected digital competence activities:
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 - Search and analyze cultural elements

3. Creative Phase

- Create a 2D draft using geometric shapes
- Image download and digital composition

4. Designing Phase

- Create a 3D design of the selected monument
- Prepare files and printing parameters
- Understand and adapt slicing settings

5. Presentation Phase

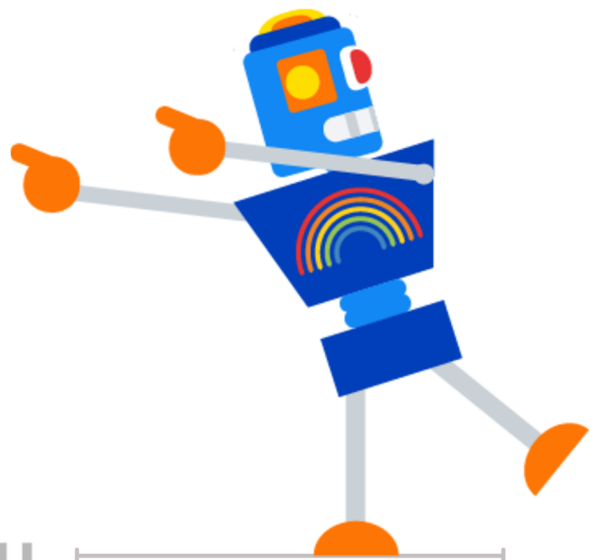
- Write a short travel guide-style script
- Record a video using a green background
- Add digital elements (e.g., postcard or virtual tour)
- Present your cultural itinerary

6. AI Integration Phase

- Write a prompt!
- Use an AI tool to generate a creative image
- Place it in the Alrt Museum frame
- Tell us about your artwork

Terms of Use and Funding

- Licensing, credits, and Erasmus+ co-funding






👁️ Estonia and it's culture

About Estonia

Estonia is a sovereign state in Northern Europe. Its capital is Tallinn. Located in the Baltic region, Estonia borders the Baltic Sea to the north, Russia to the east, Latvia to the south, and the Baltic Sea to the west.

Estonia gained its independence in 1918, after World War I. After World War II, it became a socialist republic under Soviet influence. In 1991, with the collapse of the Soviet Union, Estonia regained its independence. Since 2004, it has been a member of the European Union and NATO.

<u>Map of Tallinn</u>	<u>Geographic information</u>
	<ul style="list-style-type: none"> • Capital: Tallinn • Area: 45,227 km² • Population: Approximately 1.3 million • Language: Estonian • Currency: Euro (EUR) • Climate: Continental, with cold winters and cool summers

Culture

The traditional attire of Estonia varies by region, but they generally wear the Rahvariided. Women typically wear a long dress with colorful embroidery, a wide skirt, a white blouse, an apron, and a flower crown. Men wear a linen shirt, a vest, tight trousers, boots, and a traditional hat.

Regarding cuisine, one of the popular dishes in Estonia is verivorst, a type of blood sausage made with pork, oats, and spices.


Other Interesting Facts

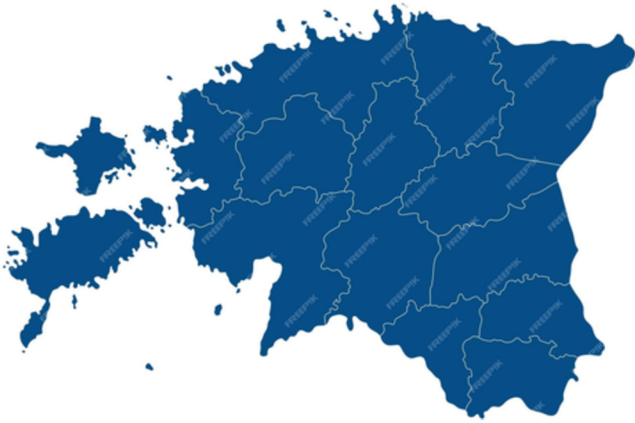
- **Festivities:** The most popular celebration in Estonia is Jaanipäev or Midsummer Day, celebrated on June 24th. During this event, people gather to light large bonfires, sing traditional songs, dance, and enjoy nature.
- **Heritage:** The country is home to several UNESCO World Heritage sites, such as the Historic Centre of Tallinn and the Cultural Landscape of the Island of Kihnu.
- **Sports:** The most popular sport in the country is football. However, they also excel in winter sports, such as cross-country skiing and ski jumping, where they have achieved international recognition.



Let's look for it in the European Union.

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

 Marks the city of Tallinn



Reading Comprehension

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

- What language is spoken in Estonia?
- What is the currency used?
- What ingredients are used to make its most typical dish? What is it called?
- When is its most popular festival celebrated? What is celebrated?
- What is the most popular sport in the country?



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Virtual Tour in Tallinn

Tallinn is the capital of Estonia and is located in the northern part of the country, on the shores of the Baltic Sea. Could you find out where the Pikk Hermann is located? Create an itinerary to see at least 3 important landmarks in the city and end at Pikk Hermann.

- You can use applications such as Google Maps, Wikipedia, etc.

Write your itinerary here



Fun with Flags

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



The flag of Estonia...



Look for some information about the building

- In which year was it built and by whom?
- Which castle does the tower belong to?
- Can you access the top of the tower? How?
- What other buildings are located next to the tower?
- Can you find the exact coordinates of the building?

- It was built by...

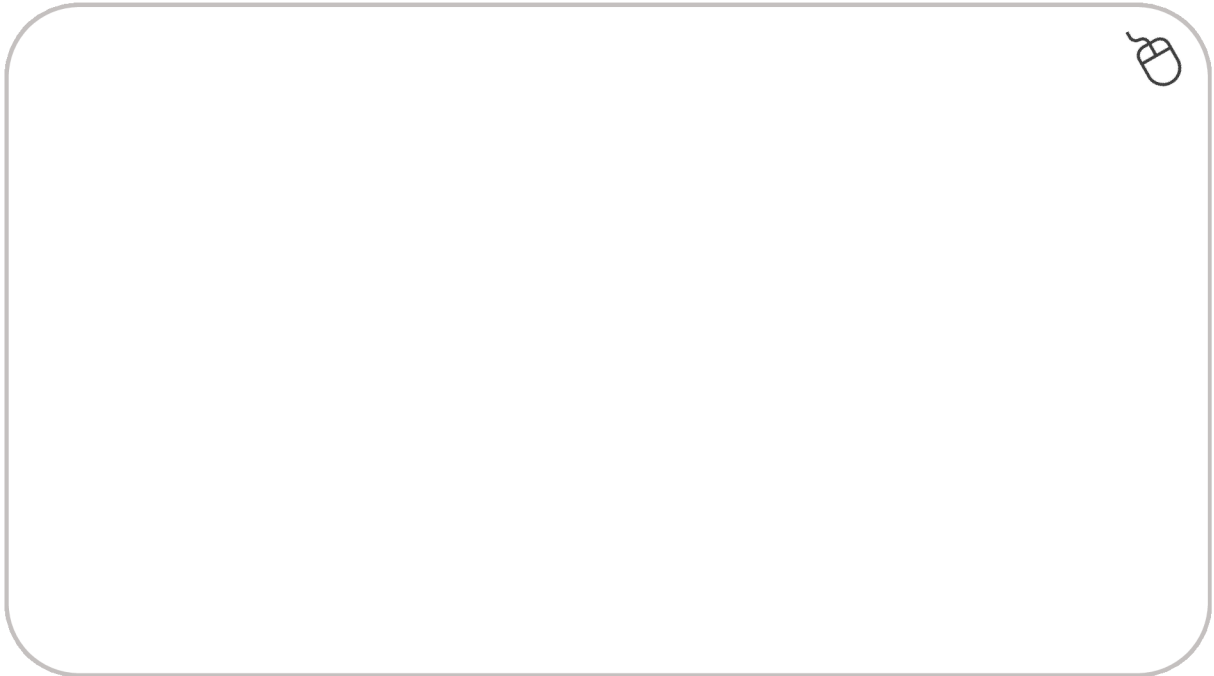
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🕒 Design test! Countdown!

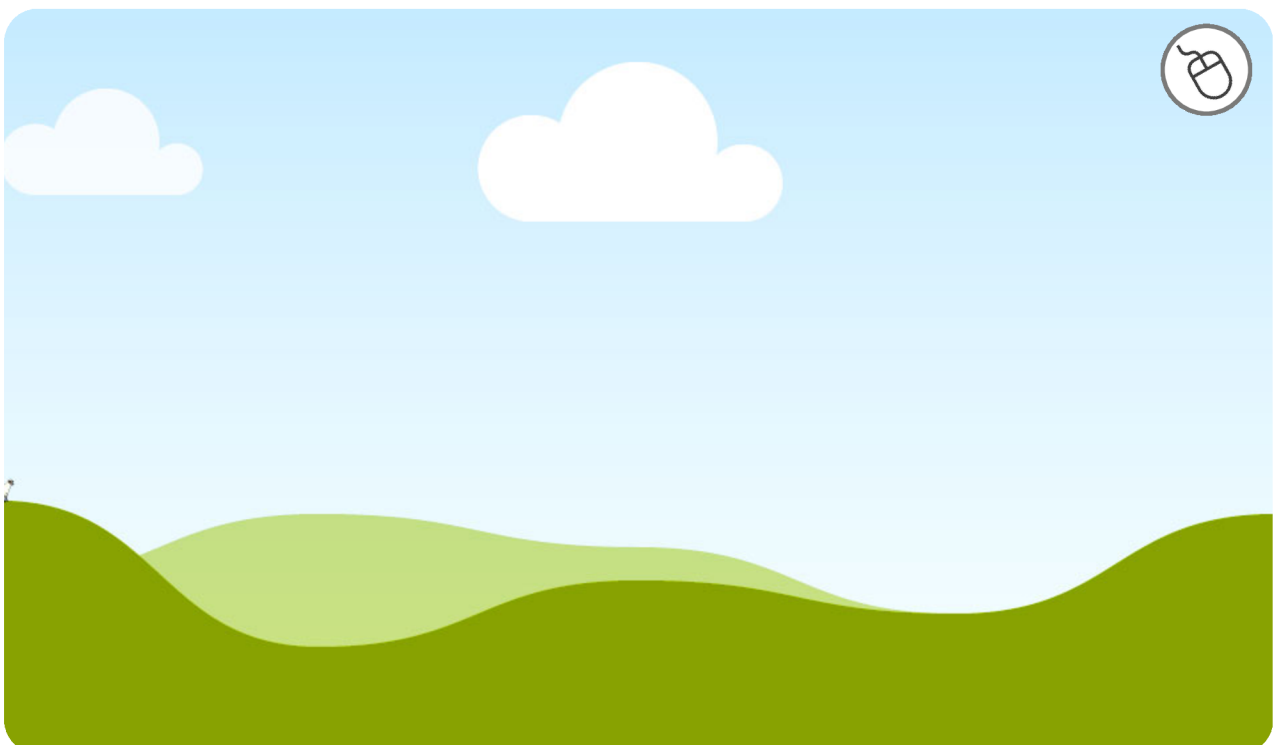
If you had to draw the Pikk Hermann using basic geometric shapes, how would you do it? Remember not to add details. You have __ : __ minutes.

Geometric shapes



🌟 Create your digital postcard!

Tallinn is a city with a rich history and a unique blend of medieval and modern architecture. Could you find out where Pikk Hermann is located? Take a screenshot or find a photo of the monument, insert it into the frame, and create your postcard of Tallinn. You can use Google Earth or Google Maps.





3D Design of the building

Do you dare to design the Pikk Hermann? 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 Pikk Hermann 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 mm	Walls	2
Speed	300 mm/s	Top/Bottom Layers	4/3
Temperature	190° - 210°	Travel Speed	400
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 Slovenia

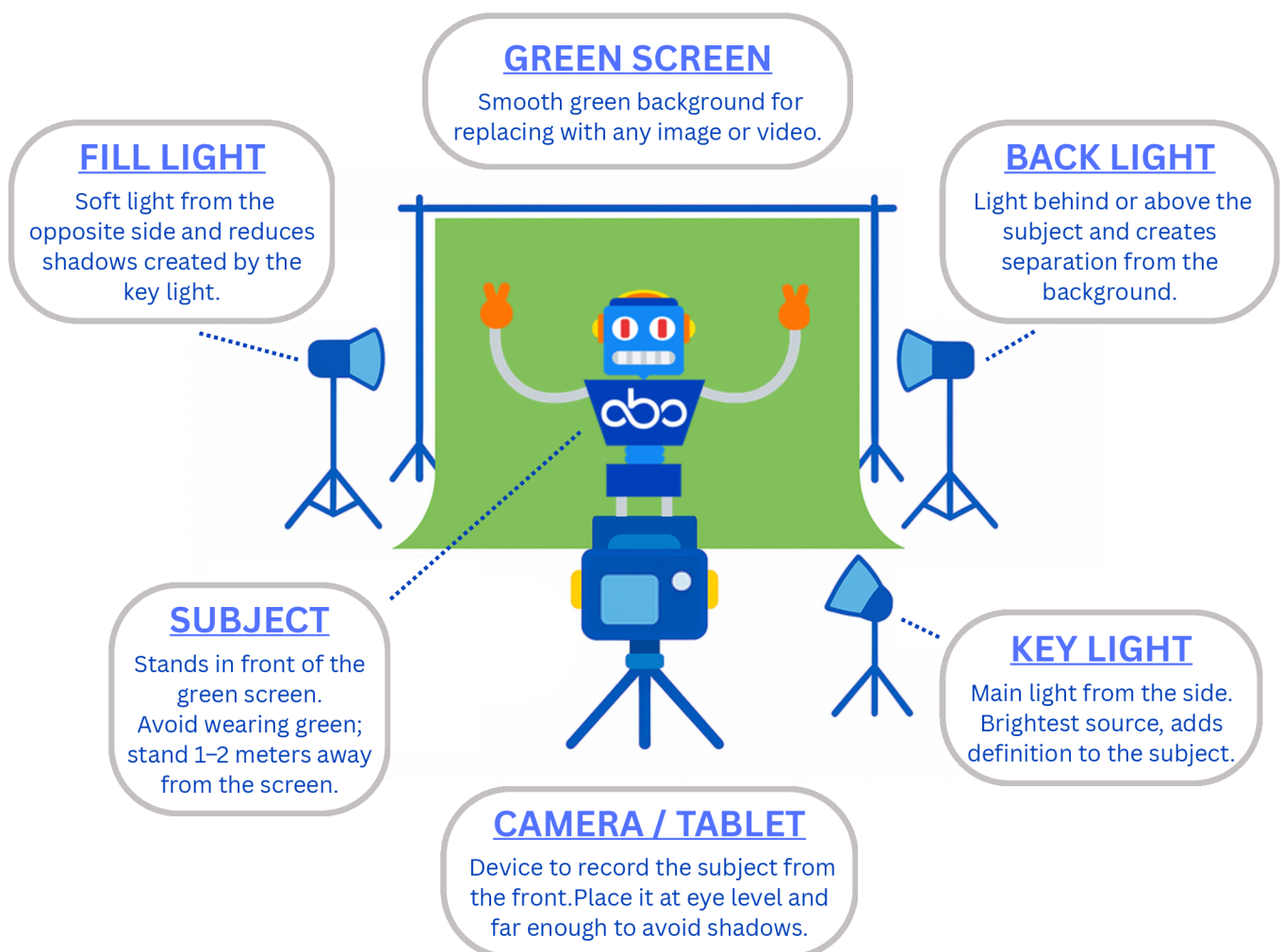
Create a **short video** where you present your virtual tour itinerary of the country you studied, using a **green screen background**.... What do you have to do?

- **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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