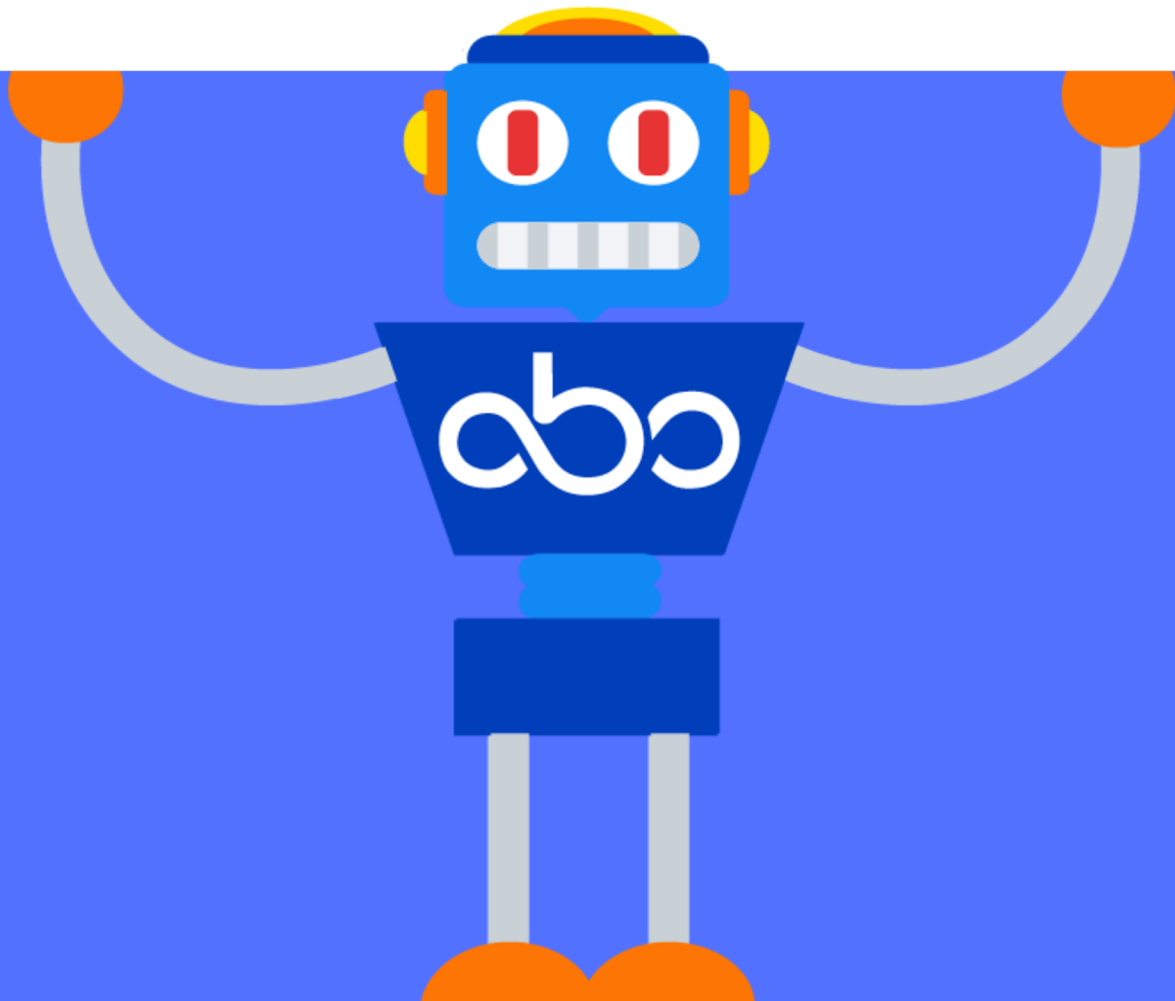


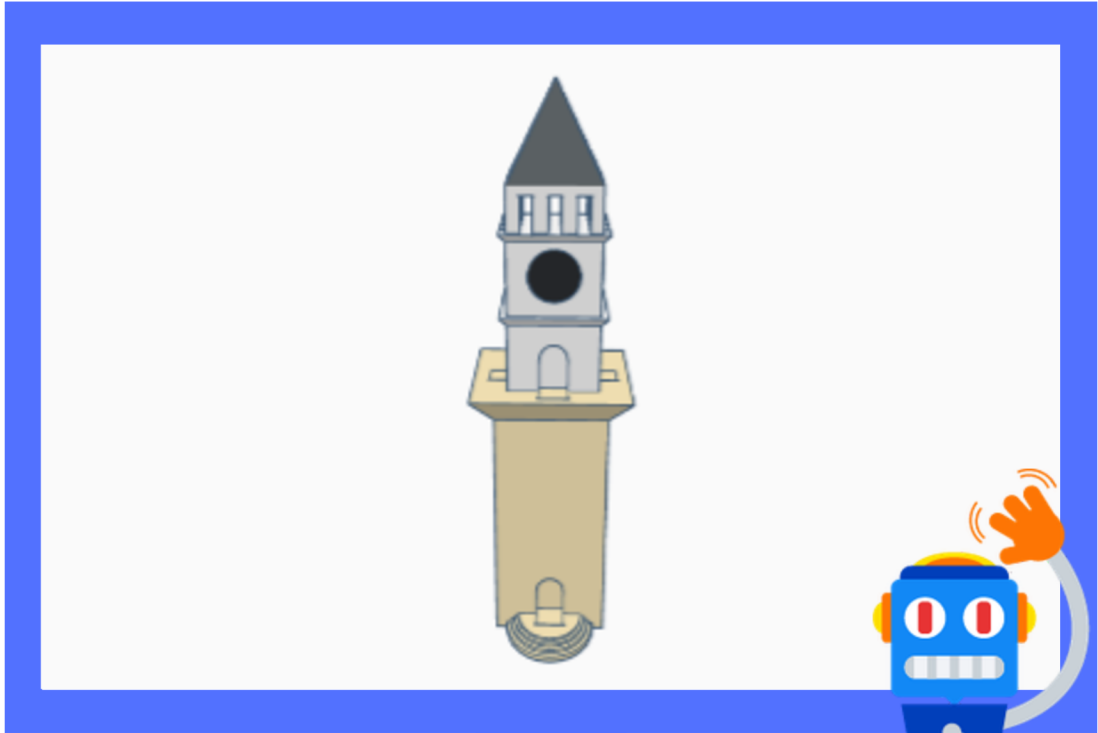


EU **FOR** **ALL**

Using Sustainable Entrepreneurship to Rebuild European Heritage for
Everyone



EU FOR ALL



TIRANA · ALBANIA



CLOCK TOWER OF TIRANA

Two rows of icons and colored circles for a matching activity. The first row shows a 3D cube icon followed by a sequence of colored circles: blue, blue, green, green, yellow, and five white circles. The second row shows a 2D cube icon followed by a sequence of colored circles: blue, blue, green, and seven white circles.



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:



0 Table of contents

1. Warm up!

- Basic information about the region or city
- Cultural and social aspects
- Contextualization of the country in Europe

2. Investigation Phase

- Unplugged activities:
 - Location within the European Union
 - Reading comprehension
- Connected digital competence activities:
 - Explore virtual maps
 - 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






👁 Albania and its culture

About Albania

Albania is a sovereign state in Southeastern Europe. Its capital is Tirana. Located on the Balkan Peninsula, Albania borders Montenegro to the north, Kosovo and North Macedonia to the east, Greece to the south, and the Adriatic Sea to the west. To the southeast, it has a coastline along the Ionian Sea.

Albania declared its independence in 1912, after centuries of Ottoman Empire rule. In recent decades, the country has undergone significant political and economic reforms, and since 2014 it has been an official candidate for membership in the European Union.

<u>Map of Tirana</u>	<u>Geographic information</u>
	<ul style="list-style-type: none"> • Capital: Tirana • Area: 28,748 km² • Population: 2.9 million • Official language: Albanian • Currency: Albanian lek (ALL) • Climate: The climate in Albania is Mediterranean, with mild and rainy winters, and warm and dry summers, especially in the coastal regions.

Culture

The traditional attire of Albania is called the "xhubleta" for women and the "fustanella" for men. The xhubleta is a long, loose wool skirt with embroidery. The fustanella is a pleated skirt that men often wear, accompanied by a white shirt, a belt, and a vest or jacket.

Regarding gastronomy, one of the most typical dishes in Albania is "byrek," a type of pie or pastry filled with spinach, meat, or cheese, baked in layers of thin dough.

Other Interesting Facts

- **Festivities:** One of the most important holidays in Albania is Independence Day, celebrated on November 28. During this celebration, parades, concerts, and activities are held to honor the country's independence from the Ottomans in 1912.
- **Heritage:** Albania has several UNESCO World Heritage sites, such as the city of Gjirokastër and the Butrint National Park.
- **Sports:** The most popular sport is football, followed by basketball, volleyball, and wrestling, where they have excelled internationally.

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


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

 Marks the city of Tirana

 **Reading Comprehension**

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

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



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Virtual Tour in Tirana

Tirana is the capital of Albania and is located in the center of the country. The city is organized into 11 districts, with residential, commercial, and cultural areas. Could you find out which area the Clock Tower is located in? Create an itinerary to visit at least three important monuments in the city and finish at the Clock Tower.

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

Write your itinerary here



Fun with Flags

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



The flag of Albania...



Look for some information about the building

- In what year was it built and by whom?
- What is its height?
- Can you climb to the top of the tower? How?
- Was it ever rebuilt? When?
- Can you find the exact coordinates of the building?

- It was built by...

-
-
-
-
-



Design test! Countdown!

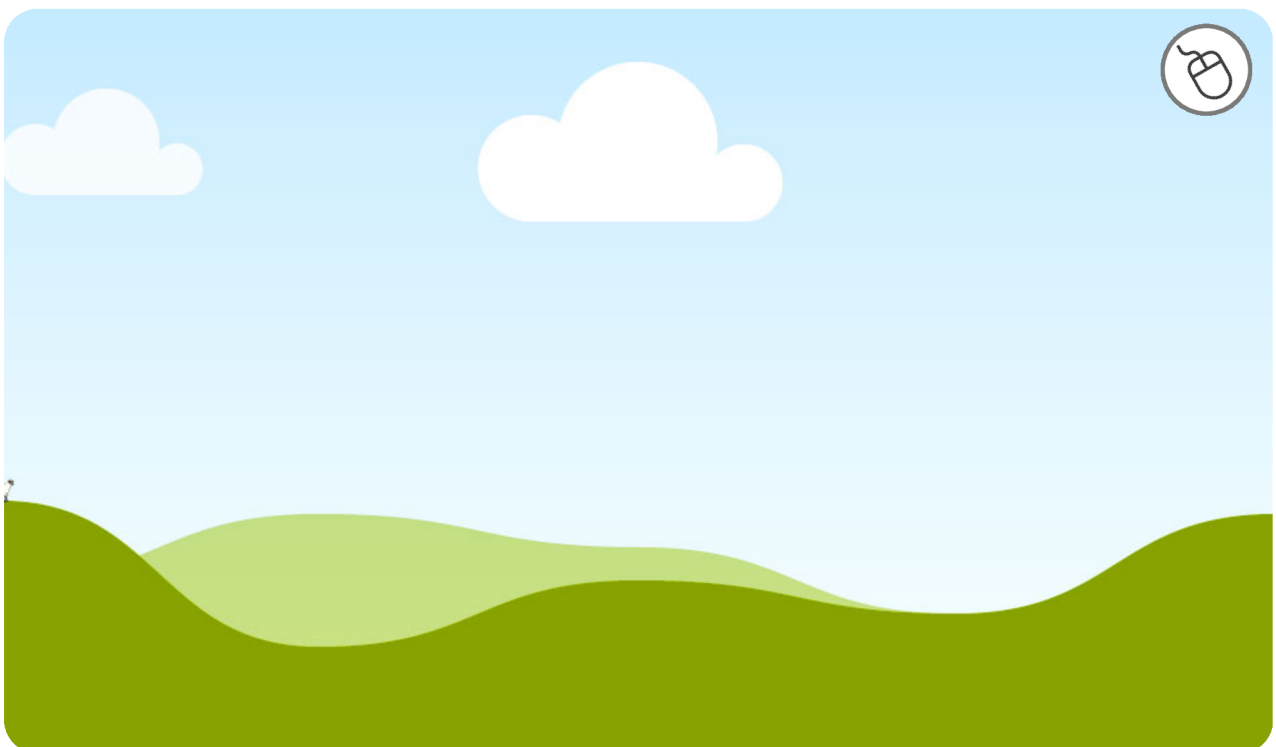
If you had to draw the Clock Tower using basic geometric shapes, how would you do it? Remember not to add details. You have __ : __ minutes.

Geometric shapes



Create your digital postcard!

Tirana is the capital of Albania and is located in the center of the country. Can you find which area the Clock Tower is located in? Take a screenshot or find a photo of the monument, insert it into the frame, and create your Tirana postcard. You can use Google Earth or Google Maps.





3D Design of the building

Do you dare to design the Clock Tower? 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 Clock Tower 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 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 Slovenia

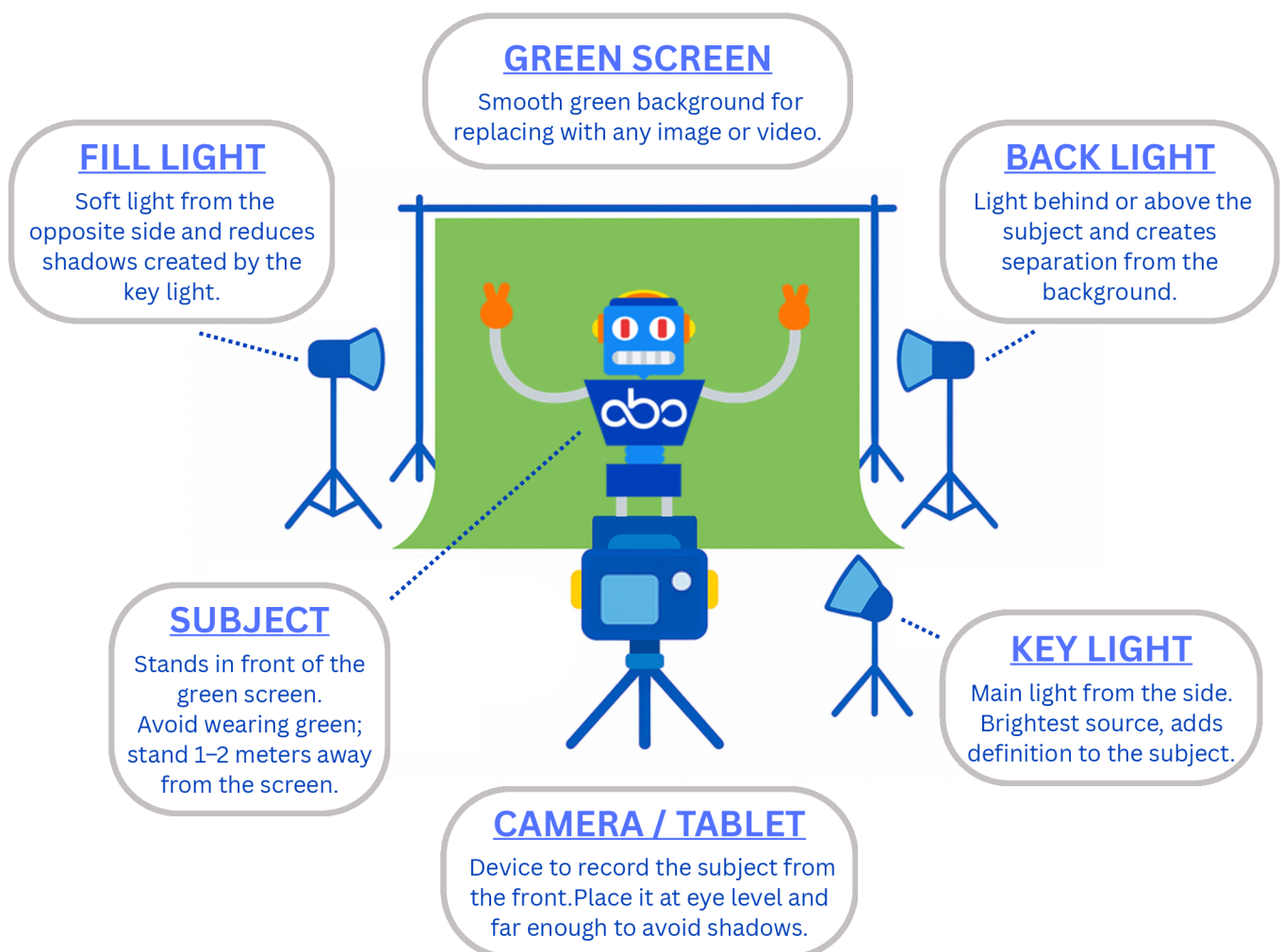
Create a **short video** where you present your virtual tour itinerary of the country you studied, using a **green screen background**.... What do you have to do?

- **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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