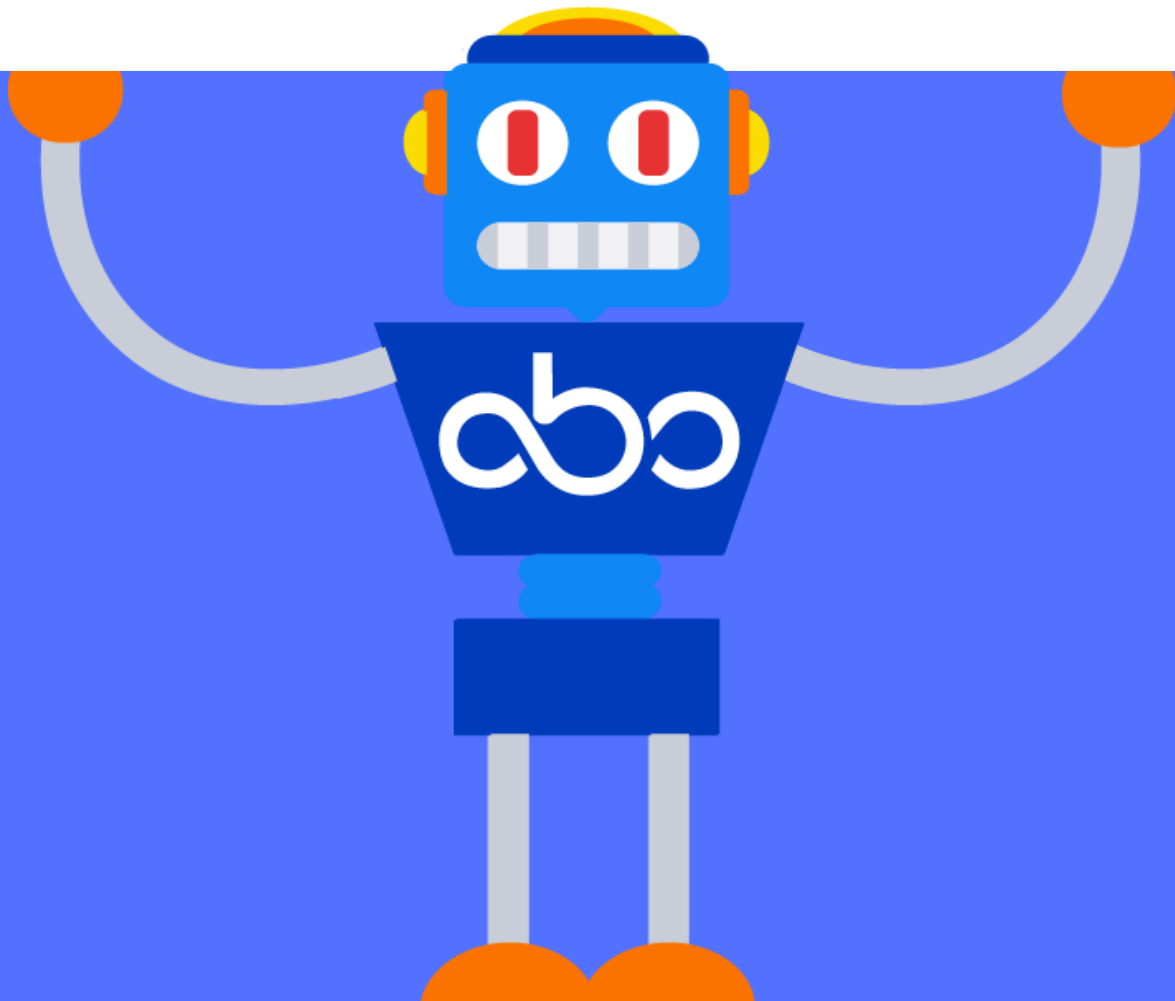


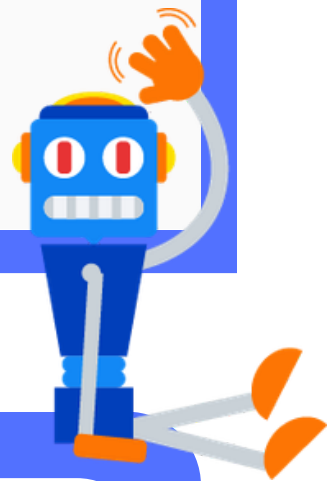
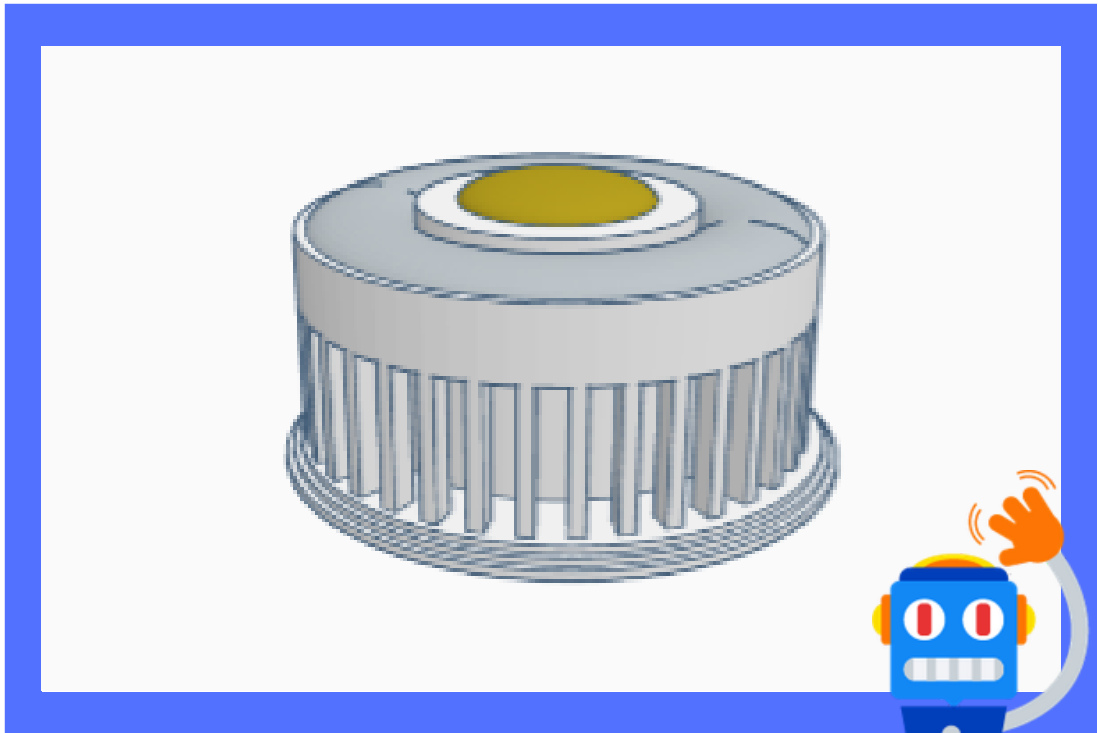


EU FOR ALL

Using Sustainable Entrepreneurship to Rebuild European Heritage for Everyone



EU FOR ALL



ZAGREB · CROACIA



CROATIAN HOUSE OF ARTISTS





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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Erasmus+
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la Unión Europea

PARTNERS:



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Terms of Use and Funding

- Licensing, credits, and Erasmus+ co-funding






👁 Croatia and its culture

About Croatia

Croatia is one of the sovereign states in Europe. Its capital is Zagreb. Located in the Balkans and Central Europe, the country has an extensive coastline along the Adriatic Sea. It borders Slovenia and Hungary to the north, Serbia to the east, Bosnia and Herzegovina to the southeast, and Montenegro to the southwest.

Croatia declared its independence in 1991 after the dissolution of Yugoslavia. In 2013, Croatia became a member of the European Union, strengthening its political and economic integration into the continent.

<u>Map of Zagreb</u>	<u>Geographic information</u>
	<ul style="list-style-type: none"> • Capital: Zagreb • Area: 56,594 km² • Population: 3.8 million • Official language: Croatian • Currency: Euro (EUR) • Climate: Croatia has a varied climate: along the Adriatic Sea coast, the climate is Mediterranean, with hot summers and mild winters. In the inland, the climate is continental, with cold winters and warm summers.

Culture

In Croatia, people generally wear the "narodna nošnja", a traditional outfit consisting of long skirts, embroidered blouses, colorful aprons, and headscarves for women, and embroidered shirts, vests, linen pants, and wide belts for men. These garments are worn during festivals and folk celebrations.

Regarding cuisine, one of the most typical dishes in Croatia is "peka", made with beef, lamb, or octopus, potatoes, and vegetables, slowly cooked under a lid called a "peka".


Other Interesting Facts

- **Festivities:** The most popular festival in Croatia is the Feast of Saint Blaise, celebrated on February 3rd in Dubrovnik. Religious ceremonies and cultural events are held in honor of the city's patron saint.
- **Heritage:** Some UNESCO World Heritage sites include the Old Town of Dubrovnik and Diocletian's Palace in Split.
- **Sports:** The most popular sport is football, with players like Luka Modrić and Ivan Rakitić standing out.



Let's look for it in the European Union.

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

 Marks the city of Zagreb



Reading Comprehension

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

- What language do they speak in Croatia?
- What is the currency they use?
- What ingredients are used to make their most typical dish? What is it called?
- When is their most popular festival celebrated? What is being celebrated?
- What is the most popular sport in the country?



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Virtual Tour in Zagreb

Zagreb is a city located in the central region of Croatia, on the banks of the Sava River. It is divided into several areas, with the central part known for its rich historical and cultural heritage. Could you find out in which area the Croatian Artists' House is located? Create an itinerary to visit at least 3 important monuments in the city and finish at the Croatian Artists' House.

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

Write your itinerary here



Fun with Flags

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



The flag of Croatia...



Look for some information about the building

- In which year was it built and by whom?
- What is it also known as?
- What was the reason for its construction?
- What is it currently used for? Did it have any other function?
- Can you find the exact coordinates of the building?

• It was made....

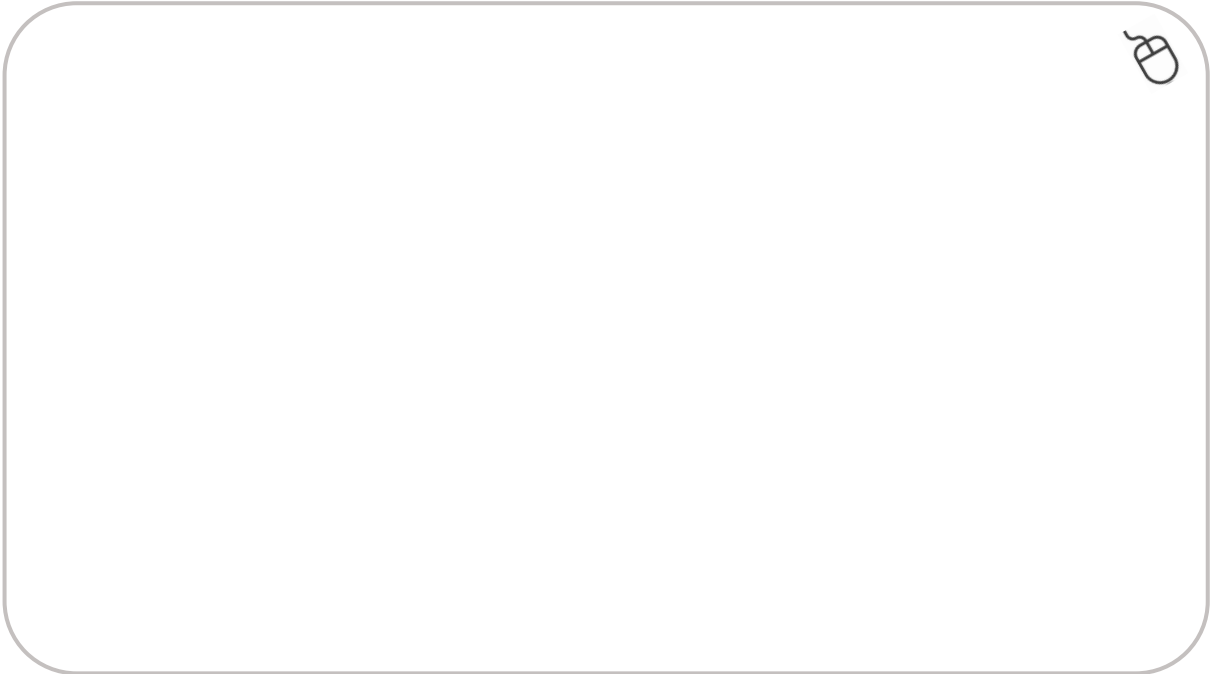
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🕒 Design test! Countdown!

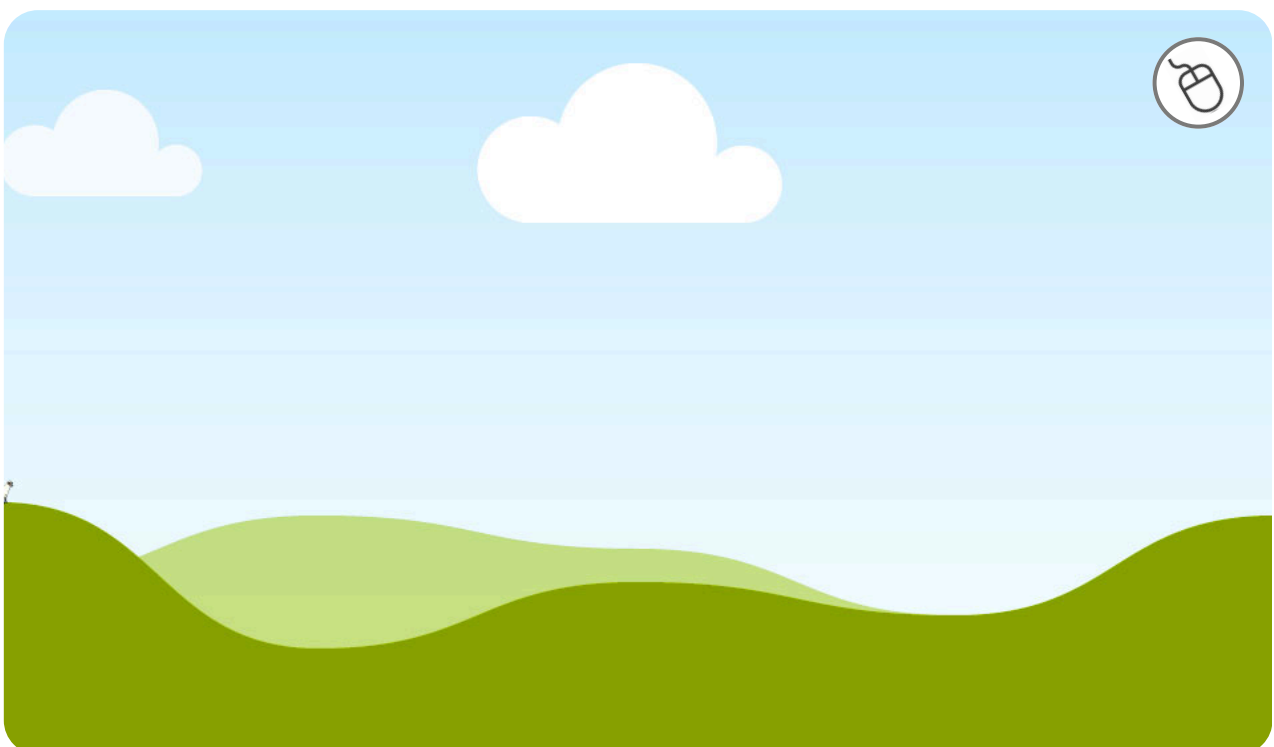
If you had to draw the Croatian House of Artists using basic geometric shapes, how would you do it? Remember not to draw details. You have __ : __ minutes.

Geometric shapes



🌟 Create your digital postcard!

Zagreb is a city located in the central region of Croatia, on the banks of the Sava River. Could you find out in which area the Croatian Artists' House is located? Take a screenshot or find a photo of the monument, insert it into the frame, and create your postcard of Zagreb. You can use Google Earth or Google Maps.



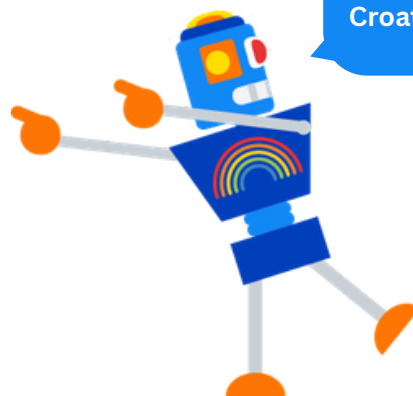


3D Design of the building

Do you dare to design the Croatian House of Artists? 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 Croatian House of Artists 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	350 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 Croatia

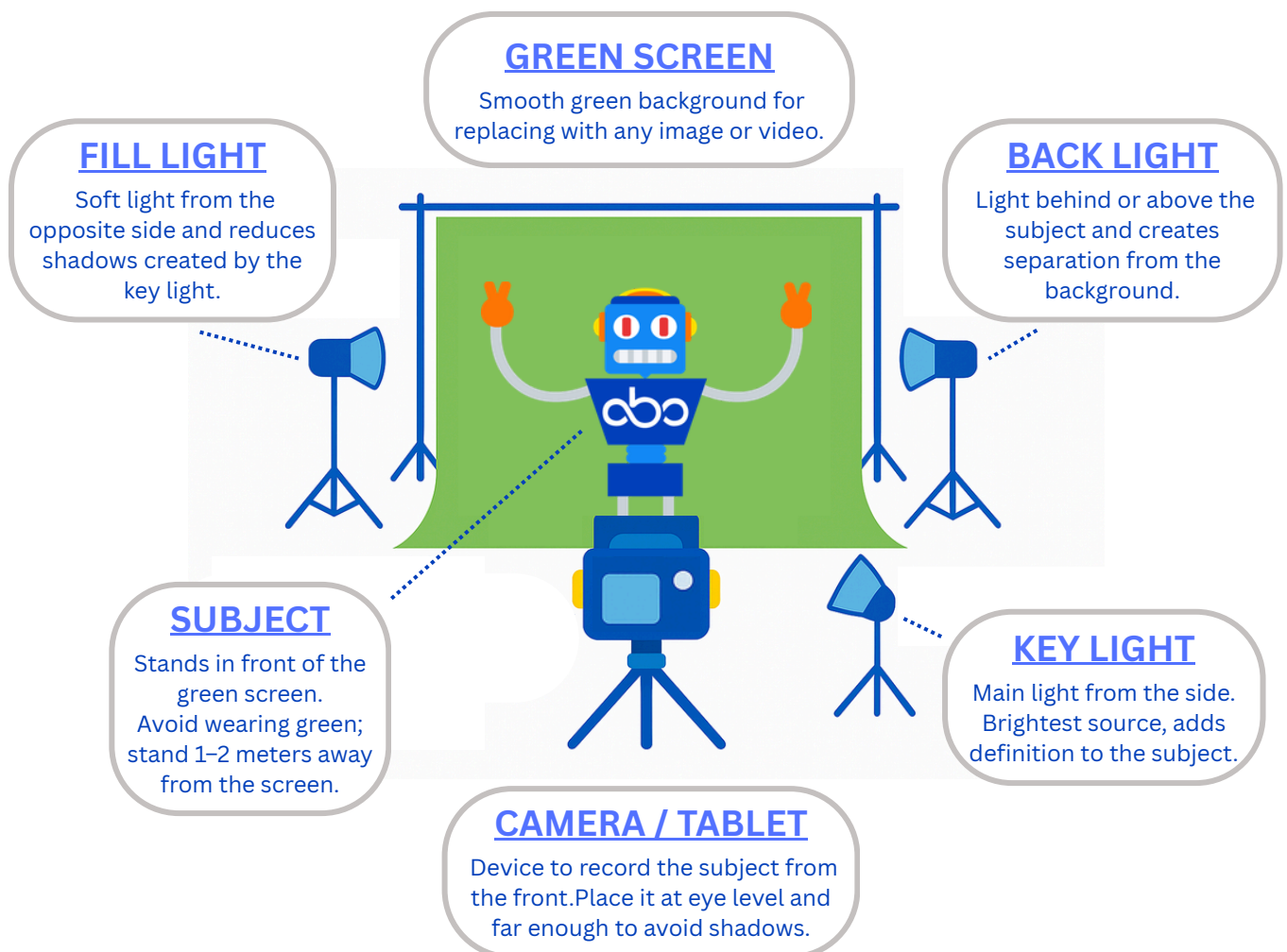
Create a **short video** where you present your virtual tour itinerary of the country you studied, using a **green screen background**.... What do you have to do?

- **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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