



eTwinning project

“Science & Art”

2023-24

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This is the team of the project...

COUNTRY / City	Ages	Teachers
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FRANCE	15-18	<p>Blandine CACERES : princesseblandine@gmail.com ARSON-</p> <ul style="list-style-type: none"> Involved in a KA220 project: Climate Change and Natural disasters
ITALY / Brescia	15-17	<p>Manila Ferrari : manila.ferrari@abba-ballini.edu.it English Teacher</p> <p>Laura Cominelli: laura.cominelli@abba-ballini.edu.it Chinese Teacher</p> <p>Arianna Florioli arianna.florioli@abba-ballini.edu.it History of Art Teacher</p> <p>Marzia Vacchelli : marzia.vacchelli@liceogambara.edu.it</p> <ul style="list-style-type: none"> Coordinator of the KA120 Erasmus+ Consortium Project " <i>Mediation for a welcoming culture</i> " 2020-1-IT02-KA120-SCH-096475 - German Teacher https://sites.google.com/liceogambara.edu.it/erasmusplusconsorzio2021-2027/home-page <p>Marco Cortinovis marco.cortinovis@liceogambara.edu.it TAC Teacher (Theory, Harmony, Composition)</p> <p>Federica Campilongo federica.campilongo@liceogambara.edu.it Science Teacher</p> <p>Annalisa D'Effremo annalisa.deffremo@liceogambara.edu.it Science Teacher</p> <p>Dario Moretta dario.moretta@liceogambara.edu.it</p>



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PORTUGAL / Lisboa	15-18	<p>Ana Calhandro : ana.calhandro@ensinus.pt</p> <p>Graça Guerreiro : graca.guerreiro@ensinus.pt</p>
FRANCE / L'Isle Jourdain	15-16	<ul style="list-style-type: none"> Involved in KA121 project: <i>Buen Camino: a road to entrepreneurship, sustainability and self knowledge</i> <p>Magali Suarez : maqrouze@gmail.com</p> <p>Nathalie Ducatel : n.daignan@hotmail.com</p>
GREECE / Kilkis, Greece		<p>Eirini Anastasiadou eirinianastasiadou26@gmail.com</p> <p>1ο ΓΕΛ ΚΙΛΚΙΣ Location: Greece, Kilkis, Κεντρική Μακεδονία</p>



Our cities...

- **I**STANBUL

http://padlet.com/melisturgut0_/istanbul-tdyrh19wgtlsk0h1

- **B**RESCIA

- **F**IRENZE

https://padlet.com/vanessalana06_/florencedy96qipfgzhdmu3

- **G**IRONA

- **D**ownload

Golub-Dobrzyń

BRESCIA_ Liceo V. Gambara

- **F**rance Clermont-l'Hérault

Florence
Florence presentation

The history of Florence
The Old Bridge
Florence was founded as a Roman military colony about the 1st century BCE. An example of the Roman formation is the beautiful OLD BRIDGE, still present in the city nowadays. During the 14th-16th century Florence achieved preeminence in commerce, finance, banking, and especially the arts. In fact the present glory of Florence is mainly in the works of art made in the past. Indeed, its historic centre was inscribed on UNESCO World Heritage List in 1982.

The Medici Family
Medici's coat of arms
The Medici are a very important family that ruled Florence and, later, Tuscany during most of the period from 1434 to 1737. The Medici, being a very rich family, allowed Florence to develop.

Cathedral of Saint Mary of the Flower
The cathedral was begun in 1296 in the Gothic style to a design of Arnolfo di Cambio and was structurally completed by 1436, with the dome the fifth largest dome in the world, engineered by Filippo Brunelleschi. The cathedral includes the Baptistry and Giotto's Campanile. A huge statue of Brunelleschi now sits in the Piazza del Duomo, looking thoughtfully up towards his greatest achievement, the dome that would forever dominate the panorama of Florence.

Palazzo Vecchio
Palazzo della Signoria
Palazzo Vecchio is the largest hall of Florence. It overlooks Piazza della Signoria, which holds a copy of Michelangelo's David statue, and the gallery of statues in the adjacent Loggia dei Lanzi. In Palazzo Vecchio there are three beautiful courtyards and Salone dei Cinquecento, used as a seat of the Grand Council consisting of 500 members.



ISTANBUL
Istanbul Presentation

◆ Pinned

MUSTAFA KEMAL ATATÜRK
The creator of our country, Mustafa Kemal, completed his education in this city and he described his affection for the city with the following words: "The Yield of our four or five centuries of national work has been gathered in this distinguished city. All these monuments and institutions are always there, which are permanent and powerful signs of our national talent."
Istanbul is a summary of our history.

Our City in History
Our City

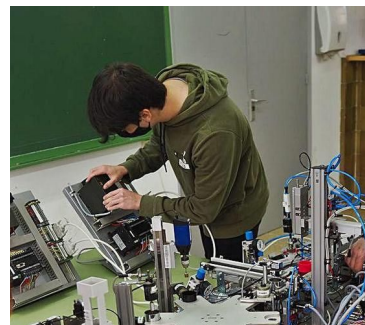
Our schools

https://docs.google.com/presentation/d/1ncWmrr9DK-LM2LWW53QRG2oPrhFhLurE4W3dTDlyii4/edit#slide=id.g2aa185e48od_o_6



We are accredited within the Erasmus+ programme

- Girona
(Catalonia-Spain)
- 3 buildings
- We have devesa, gym, playground and canteen
- 170 teachers
- Secondary compulsory education (250 students)
- Vocational studies (1200 students)
- Batxillerat (150 students).



Find us:

[Our facebook](#)

[Our X](#)

[Our instagram](#)

Professional studies

- Electricity and electronics
- Personal appearance
- Health care

ABBA BALLINI HIGHSCHOOL

Our school belongs to Erasmus+ Consortium led by Liceo
Gambara.

<https://liceogambara.edu.it/>

Click to find our site.



<https://www.abba-ballini.edu.it/>



-**Brescia**, northern Italy.

Our school is a **technical institute** with one library, several languages and technology laboratories, one bar, three gyms and a huge sports field.

We have four different courses:

- **AFM**-marketing and economy
- **SIA**-economy and information technology
- **Tourism**-languages and geography
- **RIM**-international relations for marketing



Joseph Saverne High School



Our school is located in l'Isle Jourdain which is in the South West of France. There are about 850 pupils and 50 teachers. Also we have a gymnasium and an athleticism field.

Our X



Our site



Our highschool offers :

- Compulsory classes up to A levels
- Professional studies : Health and social sciences
- Language classes : Occitan (regional language), Spanish, German, English, Latin, Italian



ZESPÓŁ SZKOŁ NR 1 IM. ANNY WAZÓWNY POLAND



Anna Vasa School
in Golub-Dobrzyń
(kujawsko-pomorskie region)

Poland



[Website](#)

[Facebook](#)



- Secondary general education classes up to A levels (400 students age 15-19 in 17 classes)
- Teachers and pupils have at their disposal a variety of educational aids, including audio-visual equipment, multimedia projectors, interactive whiteboards, SMART Interactive Displays, telescope.



Istanbul Ataturk Science School

We are accredited within the Erasmus + and eTwinning programmes.

Students; to learn by taking into account their individual abilities, to be knowledgeable, skillful and self-confident, to acquire behaviors that will communicate well and positively with their environment, to look at events from a versatile and impartial perspective, to acquire skills that can meet the evolving needs of the age, to monitor and use developing technology, to have leadership qualities, as well as cooperation and To ensure that they are individuals who are prone to team work.

- 45 teachers who are successful in their fields
- 536 students who are elected with LGS
- more than 25 social clubs
- 5 year education with English preparation

- 2 meeting hall
- chemistry, biology, physics laboratories
- music, art and computer classes
- sport hall
- cafeteria, canteen
- boys and girls dormitories



Egitim Neighborhood, Sarayonu Street No1
34722 Kadikoy/ISTANBUL

Visit Us

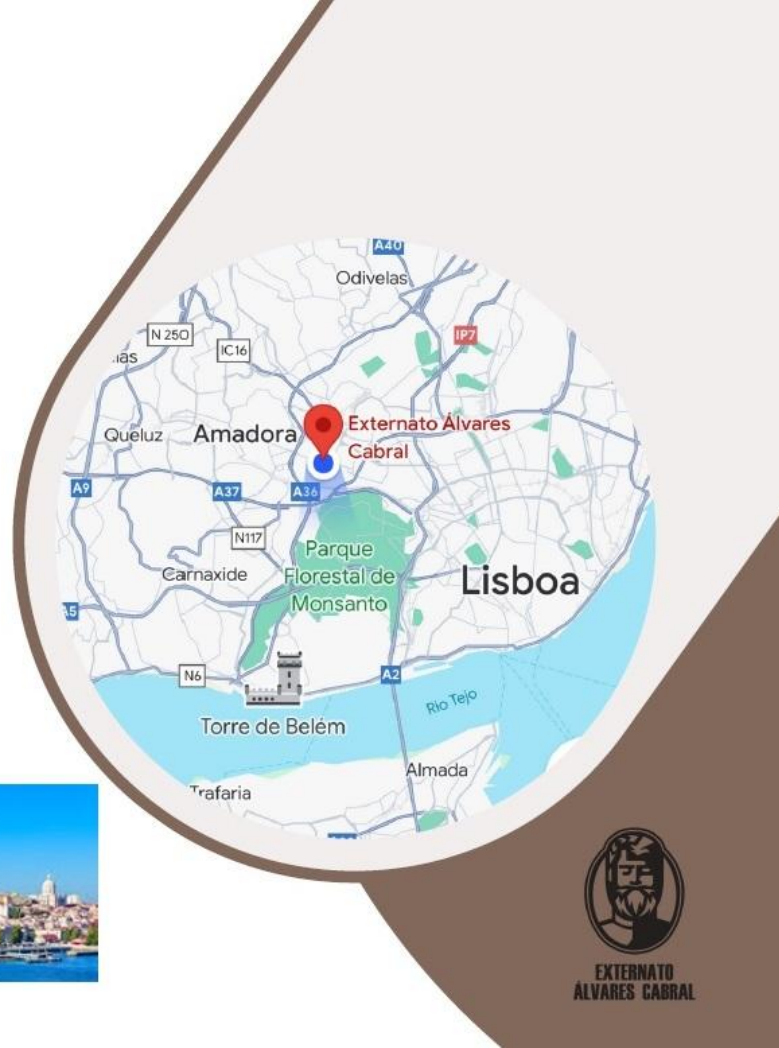


Externato Álvares Cabral (Lisbon)

Externato Álvares Cabral, located in the picturesque neighborhood of Benfica in Lisbon, is a renowned educational institution dedicated to providing quality education and shaping the future of its students. Our school is known for its commitment to academic excellence, offering a comprehensive curriculum that combines traditional values with modern teaching. Externato Álvares Cabral encourages cultural enrichment through a variety of extracurricular activities, ensuring students have a holistic educational experience. The school actively engages with the local community, fostering a sense of social responsibility and global awareness among its students.



Lisbon, the capital city of Portugal, is a fascinating destination with a rich history, stunning architecture, and a vibrant culture. Nestled along the Atlantic coast of Europe, Lisbon is known for its unique blend of tradition and modernity. Our city has a long and storied history, dating back to ancient times. It played a vital role in the Age of Exploration, as many famous Portuguese explorers set sail from its shores, including Vasco da Gama and Ferdinand Magellan. The city's historic neighborhoods, such as Alfama and Belém, are a testament to its past. Lisbon, with its blend of history, culture, and breathtaking scenery, offers a unique and unforgettable experience for travelers. Whether you're interested in exploring its rich past, indulging in culinary delights, or simply enjoying the city's vibrant ambiance, Lisbon is a destination that truly has something for everyone. Come and discover the magic of Lisbon for yourself!



EXTERNATO
ALVARES CABRAL



Ensemble
Scolaire
Saint
Guilhem

St Guilhem High School (France)





Ministero dell'Istruzione e del Merito



LICEO SCIENTIFICO STATALE LEONARDO

L'ESPERIENZA MAESTRA VERA



INSPIRED BY THE ECLECTIC GENIUS OF THE GREAT RENAISSANCE ARTIST AND SCIENTIST, THE LICEO STATALE LEONARDO IN BRESCIA IS AN INSTITUTE IN STEP WITH THE CHANGES OF SOCIETY THANKS TO QUALIFIED TEACHING, STATE-OF-THE-ART INSTRUMENTATION AND THE PRACTICAL APPLICATION OF THE ACQUIRED KNOWLEDGE.

THE WIDE RANGE OF COURSES IS DIVIDED INTO THREE DIFFERENT AREAS:



APPLIED SCIENCES



LINGUISTIC



ARTISTIC

LA CERIMONIA al Liceo Leonardo sono andate in scena le semifinali provinciali Mondiali dei giochi matematici Brescia è pronta alla sfida

I Campionati internazionali sono attesi il prossimo 13 maggio a Milano



MANY EXTRACURRICULAR INTEGRATIVE ACTIVITIES, ERASMUS, COMPETITIONS AND INTERNSHIPS COMPLETE THE TRAINING COURSES



FOR MORE INFORMATION VISIT [HTTPS://WWW.LICEOLEONARDOBS.EDU.IT/](https://www.liceoleonardo.bs.edu.it/)





Via Veronica Gambara, Brescia

*Liceo Veronica
Gambara*

The school's history

The Institute covers more than 150 years of history and has contributed to the formation of entire generations of young people from Brescia. Initially it was located in the former convent of S. Paolo, in 1878 it occupied its current location, in Via Gambara, in the premises of the former convent of the Holy Spirit and was named, from 1892, to the Brescian poet Veronica Gambara. In 1896, it underwent a six-year reorganization and a kindergarten and an elementary course for practical apprenticeship were also annexed.

Thanks also to this reform, the population of the school grew incessantly until the outbreak of the First World War, so much so that in 1915/16 there were almost 1200 students enrolled. During the war, the headquarters in Via Gambara was given to the armed forces and the institute underwent eleven moves, until it found a location, from 1919 to 1925, in Palazzo Poncarali Oldofredi, in Corso Magenta, which later became the headquarters of the Liceo Classico Arnaldo, and then returned to occupy the premises in Via Gambara.



You Tube <https://www.youtube.com/?gl=LT&hl=it> to upload and share project videos

VIMEO <https://vimeo.com/> to share project videos

Google maps- <https://www.google.com/maps/> to create partner countries map

Padlet <https://padlet.com/> Online Common Boarding (For sharing notes and collaborating)

Dotstorming <https://dotstorming.com> Online Common Boarding (similar Padlet)

kizoa <https://tr.kizoa.com/> Slideshow presentations and more

emaze <https://www.emaze.com/> Slideshow presentations and more

Movie Maker <https://www.topwin-movie-maker.com/> to create video

Animato <https://animoto.com/> Viideo Creation

Genially <https://www.genial.ly/en> to create infographics, poster, presentations

tagul <https://wordart.com/> To create word clouds, logos

Collage Maker <https://www.befunky.com/create/collage/> to create pictures collage

Canva <https://www.canva.com/> to Create a poster

Kahoot <https://kahoot.it/> Creating Online Quiz

Polleverywhere <https://www.polleverywhere.com/> Creating Online Quiz

JeopardyLabs <https://jeopardylabs.com/> for competition

Learning app <https://learningapps.org/> Creating small learning interactive modules/quiz

Survey Monkey <https://www.surveymonkey.com/> to do an online survey

Google Forms <https://www.google.com/forms/about/> Creating a Survey

Pixiz <https://tr.pixiz.com> Creating Photo Collage

Pizap <https://www.pizap.com/> Creating Photo Collage

Colorillo <http://colorillo.com/> board online to draw collaborative activities.

YUMPU: <https://www.yumpu.com/tr> for e-book and e-magazine

Google sites <https://sites.google.com> for creating websites

<https://jeopardylabs.com/> to create an online competition

<https://quizizz.com/> to create an online quiz

<https://apps.apple.com/us/app/chatterpix-kids/id734046126> to create an interactive presentation with voice and your photo



Collaborative NETIQUETTE

Students write down their rules of conduct.

Netiquette is a made-up word from the words *net* and *etiquette*. Netiquette thus describes the rules of conduct for respectful and appropriate communication on the internet. Netiquette is often referred to as etiquette for the internet. These are not legally binding rules, but recommended rules of etiquette.

NETIQUETTE "SCIENCE & ART"

- 1 USE EMOTICONS**
Create a more pleasant atmosphere by using appropriate emoticons that help to convey your feelings. Avoid using inappropriate or offensive emoticons.
© 2012, Netiquette
- 2 BE FRIENDLY**
When people interact with you, be friendly. Do not insult or humiliate others.
© 2012, Netiquette
- 3 ASK FOR CLARIFICATION**
If you are confused about something, ask for clarification. Do not assume that others know what you mean. Do not be impatient.
© 2012, Netiquette
- 4 USE EFFECTIVE COMMUNICATION**
Use concise and clear language. Avoid using abbreviations and acronyms. Do not use all caps. Do not use excessive punctuation.
© 2012, Netiquette
- 5 BE POLITE**
Remember that you are interacting with real people. Do not be rude or disrespectful.
© 2012, Netiquette
- 6 BE CAREFUL**
Think before you post. Do not post anything that is offensive, defamatory, or otherwise inappropriate. Do not post anything that is illegal or against the law.
© 2012, Netiquette
- 7 INTERNET ISN'T THE TRUTH**
Remember that the internet is not the truth. Do not believe everything you read or see online. Do not spread rumors or misinformation.
© 2012, Netiquette
- 8 KEEP AN OPEN MIND**
Remember that you are interacting with people from different cultures and backgrounds. Do not judge others based on their appearance or beliefs.
© 2012, Netiquette



NETIQUETTE

The word netiquette is formed by the terms net and etiquette. Netiquette is a set of rules of conduct for communicating on the internet in a respectful and appropriate way.

"HOW DO YOU BEHAVE POLITELY ON THE INTERNET?"

BE ALWAYS POLITE AND KIND

When you are online, respect the privacy of others. Do not post anything that is offensive or disrespectful. Be kind and courteous to everyone you interact with.

ANY FORM OF CYBERBULLYING AND SCAM

When you are online, do not engage in any form of cyberbullying or scamming. Do not post anything that is threatening or harassing.

RESPECT PEOPLE'S PRIVACY

When you are online, respect the privacy of others. Do not post anything that is revealing or embarrassing about other people.

VIOLATE COPYRIGHT

When you are online, do not violate the copyright of others. Do not post anything that is stolen or unauthorized.

WRITE IN CAPITAL LETTERS

SPREAD ILLEGAL CONTENT

IT SHOULD BE REMEMBERED AS CRIMINAL

eMuseum "Science & Art"

Artists and scientists both use visual tools to interrogate, control and communicate their ideas about the world. ADD a pin for your national artists and scientists which work/ed in relationship to nature, the environment and technological innovations to improve our landscape, environment or society.

The image shows a Padlet board titled "eMuseum Science & Art". The board is set to "Public" and has 36 items. The main content is a map of Europe with several black location pins placed across various countries, including France, Germany, Italy, and Spain. Some pins have numbers next to them (e.g., 2, 3, 6). To the left of the map is a list of items, each with a small thumbnail image:

- Pézenas: Molière (Theater/medicine)
- Versailles: André le Notre (architecture and ...)
- 75003 Paris, France: Vassily Kandinsky (painting and ...)
- Milano, MI: Leonardo Da Vinci

The map also shows labels for various countries and cities, such as Irlanda, França, Suïssa, Itàlia, and Polònia.

Science & Art: Geometry of Nature

Our students in each partner school have worked on the activity and experienced the link between science and art. The padlet presents moments from our students' works.

<https://padlet.com/teacherfiliz7/science-art-geometry-of-nature-2au7kwjzl1fsd1rc>

Our students working on the activity



Let's discover the interconnection between Art and Science in your city:

Our cities are plenty of examples of how art and science are linked together. The aim of this activity is to find out and describe some of them (i.e. paintings, architecture, scientific tools, astronomy, etc.).

Output: a short video, a presentation, padlet

Add your work in the padlet:

[Art and Science in your city \(padlet.com\)](https://www.padlet.com/)

The image displays three Padlet cards arranged horizontally, each featuring a different location in Girona. The first card, titled 'Museu del Cinema', shows an interior exhibition space with a large circular light projection on a wall and a display case. The second card, titled 'CaixaForum Girona', shows the exterior of the building with its characteristic stone arches and the 'CaixaForum' sign. The third card, titled 'The Dalí Theatre-Museum (Girona)', shows the exterior of the building with its distinctive red facade and large golden spheres. Each card includes a brief description of the location and its significance.

Museu del Cinema
The old Casa de les Aigües, the Cinema Museum invites you to learn about the widgets that left our great-grandparents speechless and, at the same time, to take a tour through the history of the seventh art: from shadow

CaixaForum Girona
The Fontana d'Or is a building of great architectural interest in the main cities of the country to convert them into centers of cultural dissemination: a commitment to art and culture as a source of personal and social development that provides cities with a meeting point between knowledge, people and dynamic spaces for all ages

The Dalí Theatre-Museum (Girona)
The Dalí Theatre-Museum was inaugurated in 1974 and was built on the remains of the old theater in Figueres. Inside this museum there are 20 rooms where you can see approximately 1500 works created by Dalí throughout his life (paintings, drawings, engravings and sculptures).

Artificial Inspiration? A Convergence of AI, Science and Creativity

As new technologies emerge, Artificial Intelligence (AI) is gaining more and more enthusiasts. But what will be the relationship between AI, Science & Art?

In the last activity we created images inspired in natural elements. And now we will have the opportunity to represent the same natural elements in an artificial intelligence system, the Padlet AI tool.

Create your own images and debate on the impact, advantages and disadvantages of using artificial intelligence in creative processes and in school life.

Does it limit creativity or does it increase the potential of representation? Is this tool useful and user friendly? What's the difference in the creative process?

[Padlet: AI Science & Art Gallery](#)

1. Use the + button to create your post. Generate AI images by selecting the green icon.
2. Describe the image you want to create and choose one of the generated options.
Tip: The better you describe the image you want to create, the better the results will be!
3. Write a short comment on the use of AI to generate images of natural elements.

