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HANDBOOK

OF ECO-FRIENDLY ART EDUCATIONAL ACTIVITIES



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INTRODUCTION

This material represents a collection of educational activities in the field of Arts created and carried out in an eco-friendly environment by a group of motivated teachers who took part in the ERASMUS+ project Building Bridges through Arts.

The project was implemented between 03.01.2022 and 02.07.2023 by Liceul de Arte „Corneliu Baba” Bistrița (Romania) as coordinator, Manisa Güzel Sanatlar Lisesi (Turkey) and Liceum Plastyczne im.Constantina Brancusiego (Poland) as partners. Based on a number of common needs identified by the three partners, including high percentage of students reporting emotional problems: anxiety, fear to express emotions, reduced social skills, aggressivity, bullying low capacity to focus, reduced levels of creativity and performance in the field of Arts following the period after COVID-19 pandemic, we decided that action must be taken at European level and we found sources of inspiration in the natural environment, in a variety of eco-friendly materials and actions that could be integrate in the teaching process of Arts and not only. All these considered, we established the **objectives** of our project:

O1 - Develop new teaching methods that link ARTS to the Environment and General Knowledge among 18 teachers during 18 months

O2-Develop eco-friendly attitudes both in class and outside school among 72 students within 18 project months

O3- Reduce discrimination attitudes towards vulnerable groups by including 18 students coming from disadvantaged groups

O4 - Reduce the negative effects of COVID-19 pandemic at emotional level of our students

O5 -Develop key competences of the 72 students

In order to attain the above mentioned objectives, three mobilities were organised in the partner countries, each having a different approach of teaching and learning Arts in an eco-friendly manner and also a variety of local actions including planting trees and flowers, cleaning the



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green spaces in towns, creating different decorations with eco-friendly materials on Easter or Christmas and many more. A number of 8 students and 2 teachers from each partner country took part in the mobilities organised in Bistrița (Romania), Szczecin (Poland) and Manisa (Turkey) so a total of 72 students had the opportunity to develop relevant knowledge and skills, discover new cultures and make friends for life.

All these activities produced a number of results including works of Art, eco-friendly decorations, paintings, Green songs, and also a collection of educational activities proposed and even tested by the teachers involved in this project during the mobilities. The aim of the present handbook is to promote these activities as examples of good practice that can be used by the teachers from different school across Europe and not only.



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Extracting your own color palette

Teacher	Monika Buchalska
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Painting
Age of the target students	15 age
Time/ czas	4- 5 days, 35 hours
Objectives of the activities (educational/personal/emotional...)	- developing creativity - to consolidate knowledge of color theory - developing the ability to find your own solutions - improving design skills - developing interests and talents - shaping the sense of aesthetics
Material resources needed Potrzebne materialy	Natural bristle brushes, watercolor paper, watercolor paints, masking tape, scissors, internet access
Presentation of the activity	<ul style="list-style-type: none"> - multimedia presentation introducing the topic (materials, details about the technique and color theory, demonstration of examples) - color practice on primary, secondary and contrasting colors - color wheel - color harmonization fixes - color exercises regarding color temperature - color exercises related to the creation of

	<p>narrow color gamuts</p> <ul style="list-style-type: none"> - making several thematic color palettes - creating a moodboard - a board of color inspiration - extracting your own color palette - final project: making a color composition in two variants - in real colors and according to a personalized color palette
<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other stakeholders</p>	<p>Students gained new competences and learned to independently design, improvise, pay attention to colors, forms in the world around them</p>

Japanese ink painting

Teacher	Monika Buchalska
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Japanese ink painting
Age of the target students	15 age
Time	3-4 days , 24 hours
Objectives of the activities (educational/personal/emotional...)	<ul style="list-style-type: none"> -developing creativity - cultural enrichment - developing interest in the art of the Orient - developing interests and talents - shaping the sense of aesthetics
Material resources needed	Natural bristle calligraphy brushes, Japanese ink (basically an ecological product), rice paper, bowls, paper towels and water containers
Presentation of the activity	<ul style="list-style-type: none"> - multimedia presentation introducing the topic (history, materials, details of the technique, demonstration of examples) - basic brush strokes and ink colors - practice of specific painting techniques

	<p>- performing exercises on sample compositions - final project: making your own composition</p>
<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other stakeholders</p>	<p>getting to know a new culture, its art, acquiring new skills, learning a new painting technique, developing imagination</p>

Clothes inspired by nature – art and fashion among people and animals

Teacher	Katarzyna Łącka
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Biology Art
Age of the target students	14 – 18 age
Time	2 hours
Objectives of the activities (educational/personal/emotional...)	learning the collage technique, observing the environment and its changes over the seasons, learning about new plant species, stimulating the imagination
Material resources needed	Collage technique. Collecting plant materials - flowers, leaves, needles, petals, etc. Pencils, crayons, watercolor paints, poster paints, glue, adhesive tape, stiff sheets of A4 format
Presentation of the activity	Preparation of any technique of a sketch of an object, animal, human, plant. Then use plant materials and combine both techniques. The whole thing can be sprayed with varnish at the end.

<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other stakeholders</p>	<p>classes can be conducted from spring to late autumn, students pay attention to the surrounding nature and changes in the environment, learn about plant species and their living environment, acquiring new skills, using the collage technique</p>



Eco-Christmas toy

Teacher	Katarzyna Łacka
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Arts Biology
Age of the target students	15-20 age
Time	5 hours
Objectives of the activities (educational/personal/emotional...)	<ul style="list-style-type: none"> • getting to know Christmas traditions and customs; • showing the beauty of Christmas; • strengthening family ties; • cultivating Christmas traditions; • developing artistic talents. • shaping pro-ecological behavior in young people, • showing the dependence of the state of the environment on human activity • familiarization with the basic principles of environmental protection and understanding the need to comply with them • awareness of responsibility for the state of the environment in the immediate vicinity • broadening knowledge in the field of knowledge about nature and pro-ecological activities
Material resources needed	dried fruits, nuts, paper, newspapers, strings,

	glue, colored ribbons, bows, used packaging, cones, branches, moss, tree bark
Presentation of the activity	preparing your own project (chain, card, pendant, table decoration, etc.) and making eco decorations for the Christmas tree
Photos or relevant images	
Impact on the students/teachers/school/other stakeholders	<p>Understanding the need to reduce the amount of waste, e.g. through reusable packaging - glass jars and bottles... Using waste materials in art works, e.g. newspapers, cardboard, polystyrene, CDs</p> <p>Developing concern for the present and future quality of life on Earth.</p> <p>Understanding the need to sort man-made waste</p> <p>Understanding the need to protect the environment from pollution.</p> <p>Developing creativity</p> <p>Shaping pro-ecological behavior in young people.</p>



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Art printing techniques

Teacher	Wojciech Koniuszek
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Arts
Age of the target students	16 – 18 age
Time	12 hours
Objectives of the activities (educational/personal/emotional...)	Work in an international group on projects, their implementation in several techniques of artistic printing. Observation of different ways of working. Building relationships between participants during work. Conversations about the countries the participants come from, cities, schools, etc. Presentation of finished works at the exhibition
Material resources needed	Paper, ink, tracing paper, linoleum, zinc sheet, selectors, graphic needles, graphic paints, spatulas, petroleum spirit, kerosene, graphic presses, protective gloves.
Presentation of the activity	Making designs with ink for small graphic

	<p>forms. Development of linocut and metal matrices in the drypoint technique and the implementation of monotypes. Presentation of the completed works at the exhibition closing the project.</p>
<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other stakeholders</p>	<p>Students from our school actively participated in helping students from Romania and Turkey. While working together, everyone discussed their concepts together and our youth shared ideas on how to deal technically with individual projects</p>



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Cobalt drawings on ceramic vessels

Teacher	Beata Marchlik-Hulbój
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Ceramics
Age of the target students	15-20 age
Time	10 hours
Objectives of the activities (educational/personal/emotional...)	Integration of young people, the possibility of conversation in English, developing pro-social skills, building bonds between participants, shaping the attitude of openness to another culture, teaching tolerance
Material resources needed	Biscuit ceramic dishes - platters, mugs, cups, plates. Ceramic glazes, brushes, sponges, water dishes, pencils, tracing paper, toques, (painting dishes can be made by yourself or purchased online)
Presentation of the activity	Preparation of the workplace, reference materials, 1:1 scale pencil sketches. Selection of dishes: platter, mug, cup, saucer. Glazing with white glaze and applying the drawing to a glazed, unfired vessel with a thin brush dipped in a cobalt solution. Maintaining a thin line and applying delicate shadows. Firing in a ceramic kiln. Considering that ceramics is a process close to nature - working with clay - the classes

	<p>are ecological in nature, related to the haptic aspect - the primal, children's reflex of modeling in clay.</p>
<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other stakeholders</p>	<p>Students designed the theme themselves, decided about breaks at work, could freely consult with the teacher and a group of students - guardians from the Polish side. They could decide on the possibilities of exposition at the vernissage ending the workshop. Not without significance is also the possibility of observing nature (animal and plant forms) necessary to teach sensitivity to the surrounding world, searching for natural forms and the right proportions.</p>



**The natural world around the school - something we don't notice every day -
the micro world**

Teacher	Katarzyna Łącka
School	Secondary School of Fine Arts Constantin Brancusi in Szczecin
Subject	Biology Arts
Age of the target students	15 age
Time	2 hours
Objectives of the activities (educational/personal/emotional...)	Learn how to take macro photos with simple equipment. The mobile phone microscope has a small size and weight, which makes it easy to take it to a meeting, a trip, a walk. It has variable magnification and lighting. It is easy to use and after a few minutes students can use this overlay to take pictures and make videos, close-up of the micro world
Material resources needed	mobile phones with a camera and a cover for the Levenhuk 60X Smartphone Microscope https://pl.levenhuk.com/catalogue/mikroskopy/mikroskop-kieszonkowy-levenhuk-zeno-cash-zc6/?oid=12236)
Presentation of the activity	Classes can take place at any time of the year, in the school, park or garden. Students take pictures and make short films. One of the designated



	people edits everything in a photo or video editing program.
Photos or relevant images	Film
Impact on the students/teachers/school/other stakeholders	acquisition of new skills of taking micro photos using additional equipment for the phone, the ability to edit short films, showing the world of micro around the school, development of imagination, analysis of the natural world throughout the year



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Eco friendly decorations for shop windows

Teacher	DUMITRACHE (NEGRUŞA) DELIA ROXANA
School	LICEUL DE ARTE “CORNELIU BABA”
Subject	Interior design
Age of the target students	16-18
Time	2 hours/workshop
Objectives of the activities (educational/personal/emotional...)	<ul style="list-style-type: none"> - develop awareness and learning of students to reuse materials in artistic works - promoting the shops in the historic center, by decorating the windows - promoting the school image through practical and visible results in society
Material resources needed	plastic bottles, plastic covers, unused books/magazines, broken vinyl records, lighting fixtures, thread, glue, staplers and various mounting accessories
Presentation of the activity	The main activity was decorating the shop windows in the historic center (the street where the school is located) with recycled materials such as plastic bottles, paper used in the school, broken vinyl records, etc..

Photos or relevant images







Impact on the students/teachers/school/other relevant stakeholders

The students and teachers became aware of the importance of using eco-friendly materials when creating objects of interior design.

Increased visibility of our high school in the

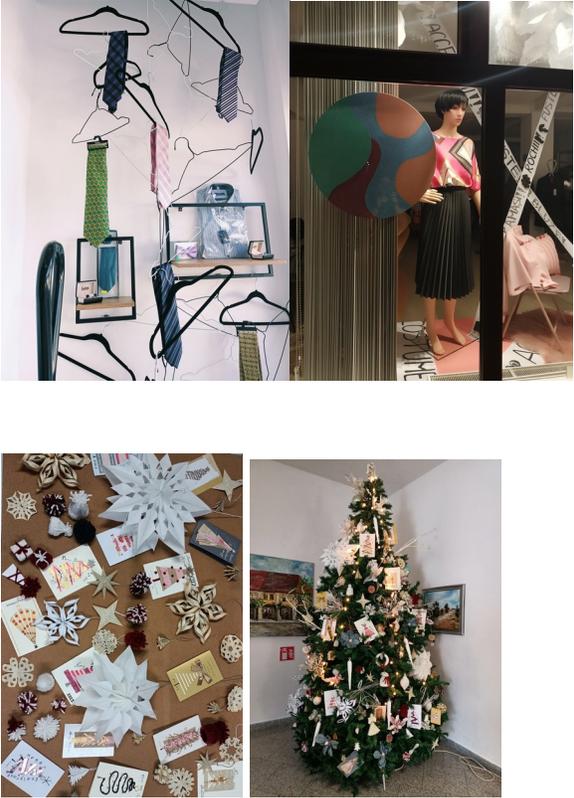
	<p>local community</p> <p>Promotion of local shops in the historic center of Bistrița</p>
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Eco-friendly interior design

Teacher	CHIȘ LOREDANA CODRUȚA
School	LICEUL DE ARTE “CORNELIU BABA”
Subject	Interior design
Age of the target students	16-18
Time	2 hours/workshop
Objectives of the activities (educational/personal/emotional...)	<ul style="list-style-type: none"> - develop awareness of students regarding the importance of using eco-friendly materials in Arts - promoting the shops in the historic center of Bistrița, by decorating the windows - promoting the school image through practical and visible results in society
Material resources needed	Plastic, paper, wire, felt, oven-cured glue, polyvinyl acetate, acrylic paint, water spray paint, rope, gypsum, metal lanterns, Edison light bulbs, rice paper, PFL, Polyvinyl Chloride tubes, recycled wood

<p>Presentation of the activity</p>	<p>The main activity represented the decoration of some shop windows (clothes shops, shoe shops, bakery) in the old town of Bistrița. In order to do this, a number of workshops were organised between February and May 2022 in order to prepare the eco-friendly objects used for interior design. Thus, we used different techniques and procedures, such as creating some hands from gypsum and plastic pipes, paper and wooden panels, paper flowers, felt butterflies, bamboo and rice paper lanterns, personalized paintings.</p> <p>Then, on Christmas, we also created eco-friendly decorations that were used to decorate the school Christmas tree.</p> <p>The process of creating all these decorations started with the research part and continued with planning and making the sketches. Then, the students worked in different workshops to actually create those items before and also during the mobility in Romania. The next step was to actually install these interior design items in the shop windows, while working in groups during the mobility and it all ended with the promotion of the work online, in school and in the community.</p>
<p>Photos or relevant images</p>	



	
<p>Impact on the students/teachers/school/other relevant stakeholders</p>	<p>Decorating the windows of a number of shops located in the old town of Bistrița had a great impact on students, teachers and the local</p>

community, as well.

The students developed creativity and communication skills in Romanian and English while working in groups to create those decorations. Then, they developed relevant knowledge in the field of Arts and Interior Design and became aware of the importance of protecting the natural environment and embracing an eco-friendly attitude both at school and in their daily lives. Then, being involved in a practical activity and seeing the impact of their work for the local community increased both students' and teachers' self esteem and self confidence.

The impact of our activities in the local community was a great one as the project received the attention of the local media and in was promoted in local newspapers and TV. This definitely contributed to increased visibility of our town and the local shops, some of the entrepreneurs stating that their sales increased in the months following the mobility in Bistrița. Moreover, we received appreciation from the local authorities who consider our project an example of good practice.



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Upcycling papers for puppets

Teacher	Burcu Meral Tezeren
School	Manisa Güzel Sanatlar Lisesi (Manisa Fine Arts High School) and Manisa Yunusemre Science and Art Center
Subject	Science Arts

	Modern languages
Age of the target students	8+
Time	40-60 minutes
Objectives of the activities (educational/personal/emotional...)	+ increasing productivity + boosting creativity, + raising awareness about environmental issues through reusing and upcycling
Material resources needed	+waste papers, +glue +scissors +crayons
Presentation of the activity	Tell the students to imagine a character to their like. Provide the materials. Then students think about a scenario that the students will play on the cartoon scene.
Photos or relevant images	

	
<p>Impact on the students/teachers/school/other relevant stakeholders</p>	<p>Making puppets with waste paper will increase the students' sense of creativity along with raising awareness on environmental issues and reusing.</p>

Marbling or Ebru

<p>Teacher</p>	<p>Ayşe Aşkun</p>
<p>School</p>	<p>ManisaGüzelSanatlarLisesi (Manisa Fine Arts)</p>

	High School)
Subject	Arts
Age of the target students	15+
Time	40-60 minutes
Objectives of the activities (educational/personal/emotional...)	<ul style="list-style-type: none"> +improving creativity, +boosting community relations +being aware of the moment(boosting mindfulness) +improving senses through expanding attention span.
Material resources needed	<ul style="list-style-type: none"> + a tray on a beforehand prepared table, +thick air brushes + water colors +stabilizer for water color + thick paper or cotton for final output
Presentation of the activity	<p>Firstly prepare the tray with water and a spoonful stabilizer in it. The water with stabilizer should wait for half an hour with a paper on it so that the liquid would be ready for work. Then imagine and choose colors to your like. Add colors and shape it with your brush. Then put your final paper or cotton for your final outcome. Hang it so that it dries. Do not wash it. Until it dries properly. Here is a nice souvenir for your loved ones.</p>

<p>Photos or relevant images</p>	
<p>Impact on the students/teachers/school/other relevant stakeholders</p>	<p>Marbling(Ebru) is a traditional Turkish art, however it could be applied throughout the world, by people without age, gender or special need discrimination. Applying it, the students, teachers or any people will expand their attention span; be aware of the moment and mindfulness; improve their senses of color and shapes and feel unified.</p>

Making Baglama (Turkish Traditional String Instrument)

<p>Teacher</p>	<p>Süleyman Akçit</p>
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School	Manisa Güzel Sanatlar Lisesi (Manisa Fine Arts High School)
Subject	Arts Music
Age of the target students	15+
Time	40-60 minutes
Objectives of the activities (educational/personal/emotional...)	+ increasing productivity + boosting creativity, + raising awareness about the importance of traditional instruments
Material resources needed	+mulberry wood for the body of the instrument, +hornbeam wood for the lug of the instrument, +large saw/ hizar (big or general cutting device), +wood chisel, +grater +strings
Presentation of the activity	For making baglama, use wood that are dead so that you give life to a dead tree. For body and back curve use mulberry wood and do the cutting and curving with large saw. For the lug and dot connections for the strings, use

	<p>hornbeam woals and do the carving with wood chisel. You will also need a wood grater for traditional ornamentations. Place the string in the dots. Test the voice of your baglama after having it rest for 24 hours.</p>
<p>Photos or relevant images</p>	 
<p>Impact on the students/teachers/school/other relevant stakeholders</p>	<p>Along with improving fine motor skills of students, making baglama will also help them prepare for a future job, gaining vocational discipline and as baglama is a traditional Turkish instrument it will raise awareness about cultural values.</p>



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BUILDING BRIDGES THROUGH ARTS

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