 <b>Erasmus+</b>	<b>Creative Ways of Teaching: Recycling Art and Entrepreneurial Attitude</b>	2015-1-ES01-KA219- 015525
Date of the draft: 01st/02/2016	<b>Participant Subjects</b>	Draft Version: 1.0

**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Natural sciences
<b>Subject involved:</b>	Biology
<b>Participant teachers:</b>	Viktória Kalapošová
<b>Date of the activity:</b>	16 <sup>th</sup> to 20 <sup>th</sup> Nov. 2015

#### **Description of the activity**

Biology teacher made students explore various ways how one might contribute on the protection of our environment. After, they discussed what is the most effective way they can go in order to help and assumed that making new usable things - either products or recycling materials, such as paper or metals - out of old materials is what they wanted to do. For the rest of the week they were collecting materials and used products both for regular separation and upcycling.

#### **Objectives**

To let students think about the importance of the environment protection. To help students in charge of the making products for project "Recycling Art and the Entrepreneurial Attitude" to collect usable material. To promote the idea of environmental friendliness and self-awareness and self-reflection in terms of the problematic area.


#### **Outcomes**

Students managed to establish collecting rounds at school for above mentioned purposes. Plastic bottles, pieces of cutlery, pieces of old-style jewelry, tennis balls etc. were collected in order to help students in the project. Subsequently, materials were taken out of the school by volunteer groups.


Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Natural Sciences
<b>Subject involved:</b>	Chemistry
<b>Participant teachers:</b>	Erika Gorcsosova
<b>Date of the activity:</b>	30th Sep 2015

#### **Description of the activity**

Students take various containers of different finished products of everyday use and construct chemistry molecules using only limited amount of bought on purpose materials such as glue, wooden sticks etc. After students present the results of their work to their peers.

#### **Objectives**

- To help students materialize the abstract concepts of chemistry cells
- To let students personalize science (molecule structure and materials of their own choice)
- To think about that all solid materials of their choice also have their own structures as well as what they construct has the similar one
- To make students more aware of the project running at school


#### **Outcomes**

Pieces of molecules as a part of the installation during the class.

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**


<b>Department:</b>	Natural Sciences
<b>Subject involved:</b>	ICT
<b>Participant teachers:</b>	Zuzana Tkáčová
<b>Date of the activity:</b>	17 <sup>th</sup> Feb 2016

<b>Description of the activity</b>
Constructing robot able to separate materials - this one was meant to help meet one of the goals set in the project - to design a robot out of recycled materials. It was not the type of a robot made specifically for the project purposes based on the project agreement, but it is connected with the project, as the robot is able to recognize and function as a can crusher and it's part of an extracurricular activity 'robotics'.

<b>Objectives</b>
<ul style="list-style-type: none"> <li>- To make students think about how modern technologies can be used in environment protection</li> <li>- To help students construct useful device made out of parts that resulted from recycling process</li> <li>- To upcycle, i.e. make something which serves others using old materials</li> <li>- To help with technology in order to develop programming and constructing skills and meet further requirements</li> </ul>

<b>Outcomes</b>
Fully functioning robot was designed and led into practice. Students would possibly base their further projects in robotics on this prototype. Everything went as the students and their teacher had planned so the activity was very meaningful for similar future activities.




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<p align="center">Date of the draft: 01st/02/2016</p>	<p align="center"><b>Participant Subjects</b></p>	<p align="center">Draft Version: 1.0</p>

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Social studies
<b>Subject involved:</b>	History
<b>Participant teachers:</b>	Tomáš Filip
<b>Date of the activity:</b>	

#### **Description of the activity**

Topic: Industrial revolution and changes in society.

Class is working in groups (approximately 4-5 members) and students are working on list of materials, that were common and available before Industrial revolution of 18<sup>th</sup> century (for example wood, clay, stone...)

Then with already acquired knowledge and understanding of this period they are preparing a list of new materials which have started to be used on a daily basis (for example petroleum, steel, coal). Third step is to create a list of materials that are sustainable and can be used for a long time. Meanwhile, the teacher asks students about what can be recycled, which materials are exhaustible, and what are the possibilities for their replacement. Students will create a poster according to their list of materials divided into groups depending on whether they are recyclable.


#### **Objectives**

**To start a debate about sustainable materials, ecology and recycling. Also to make students think about important historical milestones and how those milestones have changed current lifestyle. Focus on both sides - in positive way but also in negative. Debate about solutions.**

#### **Outcomes**

**Educational poster with list of sustainable materials**




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Yes  No



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<b>Department:</b>	Social studies
<b>Subject involved:</b>	
<b>Participant teachers:</b>	Tomáš Filip
<b>Date of the activity:</b>	

#### **Description of the activity**

Topic: The life of medieval man: City life and village life.

Medieval market: students are preparing medieval market and trying to get to the role of different manufacturers and marketers - bakeries, shoemakers, tailors, butchers, potters...

They are working on list of their items to sell and will try to set a suitable price. One unit of price is one loaf of bread (for example - one pair of boots = 8 bread loaves, one jug = 2 bread loaves ...) Each student is trying to sell his items and to secure all his needs.


#### **Objectives**

**To teach students value of different kind of products and basics of entrepreneuring and barter trade in form of roleplay.**

#### **Outcomes**






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Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Bilingual Gymnasium of st Edith Stein, Kosice, Slovakia
<b>Subject involved:</b>	English Language
<b>Participant teachers:</b>	Matej Kalna
<b>Date of the activity:</b>	14.4.2017

#### **Description of the activity**

Students are divided into groups of four people. They work together and brainstorm ideas how to deal with cumulating plastic waste in their neighbourhoods. They decide on: 1. how to promote in their neighbourhoods that recycling is crucial. 2. how to get rid of this plastic waste/ or how to recycle it. These groups of students are later mixed, so there is no one same in the group. Then they retell their ideas to others.

#### **Objectives**


**To discuss environmental issues and practise speaking**

#### **Outcomes**

**Students are aware of environmental issues, students are able to use in context words like recycling, entrepreneur, issue, awareness**


Has the activity got a lesson plan? (if it does, please, attach it to this document)



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Yes  No



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<b>Department:</b>	Bilingual Gymnasium of st Edith Stein, Kosice, Slovakia
<b>Subject involved:</b>	English Language
<b>Participant teachers:</b>	Matej Kalna
<b>Date of the activity:</b>	14.4.2017

#### **Description of the activity**

Students are divided into groups. The groups work together. Groups than put various bins (paper boxes), each dedicated to only one waste material, eg: paper, plastic waste, etc., to various places in the school. There are to create a poster in English promoting carefull separation of waste. Posters are located near the bins. The poster should include information like: why it is important to throw waste into separated bins contaioning only one material, what is later done with this material, how it is post-processeed, pictures of some things made from recycled materials.


#### **Objectives**

**To discuss environmental issues and, to practise writing, to prepare a poster,**

#### **Outcomes**

**Students are aware of environmental issues, students are able to use in context words like recycling,issue, awareness,**




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Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Gymnázium sv. Edity Steinovej
<b>Subject involved:</b>	Business English
<b>Participant teachers:</b>	Mgr. Zuzana LehotaiGy
<b>Date of the activity:</b>	

#### **Description of the activity**

To create a poster presenting environmental activities that are done by the students during the school year. The poster will be posted on main hall of the school for other students to see the scale of different activities. The students are asked to use materials from the school environment on the poster, e.g. rulers, notes ect.

#### **Objectives**

**To use materials and school accessories to create a poster and present activities.**


#### **Outcomes**

**A poster that will be placed on the main hall of the school.**

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Gymnázium sv. Edity Steinovej
<b>Subject involved:</b>	English grammar
<b>Participant teachers:</b>	Mgr. Zuzana Lehotai
<b>Date of the activity:</b>	

**Description of the activity**

The students will create a short sketch with the use of recycled materials to present contrast of the grammar tenses - simple present vs, present perfect, past simple vs. past perfect.

**Objectives**

**To remember the tense contrast via creating context of the situation and to perform the situation as a short sketch.**


**Outcomes**

**Recycled material used by students to perform a short sketch**

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	English
<b>Subject involved:</b>	Business English
<b>Participant teachers:</b>	Petra Pažinová
<b>Date of the activity:</b>	26 <sup>th</sup> Nov 2015

<b>Description of the activity</b>
<p>Making business successful - workshop; students are divided into several groups and their task is to establish their own business. They make the most important decisions in advance such as what to make business in, how to make it, how to get money for their beginning - up to later stages how to invest first profits and how much to spend on promotion. Students got their homework with pre-lesson preparation and finished their projects at school, subsequently presenting them to their peers and teacher. It took optional form of either paper posters or powerpoint presentations. Students also received grades for their efforts.</p>

<b>Objectives</b>
<p>Make students believe that there are some strong benefits in becoming entrepreneurial in their attitude. To let students work collaboratively yet stay responsible for their own “future” and common success. Give them chance to plan their own business, even the blueprint of it. Take real responsibility what presenting it to their younger peers in different classes.</p>


<b>Outcomes</b>
<p>Students went extra mile and did great job when presenting their business plans to younger peers. They learnt some peculiarities of establishing new business such as debts, taxes, product segments, hiring workers, market development, etc.</p>

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No





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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Human Sciences
<b>Subject involved:</b>	Geography
<b>Participant teachers:</b>	Katarína Kapitánová
<b>Date of the activity:</b>	14 <sup>th</sup> to 16 <sup>th</sup> Okt. 2015

<b>Description of the activity</b>
Making the EU map out of bottle lids - this activity included collecting plastic bottle lids of various colours in advance. They were used to make map of Europe with the colours depicting borders of different countries.


<b>Objectives</b>
This was to make students more aware of geographical details of EU borders and Europe as such and to show how something useful can be made of collected materials. Students can actively learn - by the most effective mean of learning, production - geography of Europe which helps to increase their self-awareness of different areas of their own continent.

<b>Outcomes</b>
Outcome is a huge map which is hanging in one of the classrooms.

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	English department
<b>Subject involved:</b>	English language
<b>Participant teachers:</b>	Zuzana Trail
<b>Date of the activity:</b>	6.2.2017

#### **Description of the activity**

Students read the text about environmental issues. After the silent reading they form the groups of four and their task is to discuss the article, answer the comprehension questions and as a group come up with and present possible solutions to environmental problems presented in the text.


#### **Objectives**

- to understand the text
- to talk about environmental problems
- to present and describe possible solutions to given environmental problems

#### **Outcomes**

**The whole-class discussion about environmental issues and the ways how to deal with those issues.**




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Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	English department
<b>Subject involved:</b>	English language
<b>Participant teachers:</b>	Zuzana Trail
<b>Date of the activity:</b>	3.4.2017

#### **Description of the activity**

The lesson begins by asking students to name the biggest problems facing humanity today. What do they think can be done to solve these problems? Have they heard of The Giving Pledge, a campaign where billionaires such as Bill Gates and Warren Buffett have promised to give most of their wealth to philanthropic causes? Have they heard of 5-Hour Energy drinks? How much money do they think that product's creator has earned? (The answer is \$4 billion.)

After the quick warm-up discussion, the two-page student question sheet is handed out and the teacher plays the 43-minute Billions in Change documentary for the class. Students should answer the questions on a separate sheet of paper. The first 15 questions can be answered while the film plays; the last seven questions should be completed after the film is finished.


#### **Objectives**

- to discuss the environmental issues
- to express the opinion on presented problems
- to discuss the video

#### **Outcomes**

**Discussion guided by the questions on the worksheet.**




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Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	English
<b>Subject involved:</b>	English literature
<b>Participant teachers:</b>	Seminar on the “recycling art as a mean how to express your student’s self”
<b>Date of the activity:</b>	18 <sup>th</sup> Dec 2015

**Description of the activity**

During the lesson teacher included some main pillars of our project as a part of the teaching process (learning material was ‘English poetry’). First we discussed what functions poetry has, what forms it takes (e.g. rhymed advertisement slogans) and talked about the project idea in general, how to contribute on it. We used various rhyme patterns to make the poem tell the project’s story itself - its main idea and also kind of rhymed ad.

**Objectives**


To let students creatively employ acquired knowledge about some English romantic poetry (tropes, rhymes, assonance, alliterations etc.) to develop them into skills and be useful in terms of their actual implementation for real life purposes, such as promo, interesting storytelling and so on.

**Outcomes**

Students were more aware of how powerful can spoken rhymed word be, especially when being used for passing rather complex messages. The outcome is the set of verses with the pieces of literature dedicated to the project ideas and slogans. Students ended up more skillful with the actual topic (literary figures, sound devices etc.) and more aware about the importance of it what it comes to real purposes such as environment protection promotion.


Has the activity got a lesson plan? (if it does, please, attach it to this document)



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Yes  No



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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Natural Sciences
<b>Subject involved:</b>	ITC
<b>Participant teachers:</b>	Zuzana Tkáčová
<b>Date of the activity:</b>	22nd of March 2016

**Description of the activity**

Video editing ‘pro hints’ - the ways how to dramatically improve video footage and turn it into a powerful tool of one’s presentation. Usage of the various types of filters, cuts, POVs, captions etc.). Students were asked to film their everyday activities and collect the footage. After they created their own customized video material which reflected their self-expressing of themselves. They previewed the video in groups to their peers.

**Objectives**

Students could see how to turn ordinary smartphone video into way more interesting final product by means of video post-production methods. They also met the interest in watching their end product by peers at school so they got immediately the feedback on their work.

**Outcomes**


Set of topical videos dedicated to students’ everyday lives made on purpose. Students learnt some interesting and effective hints about the video making and post-production which would eventually help them when they decide to make a video for this or any other kind of school projects in the future.

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No





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**This document gathers information about the subjects taking part in the project**

<b>Department:</b>	Human Sciences
<b>Subject involved:</b>	Art and Culture
<b>Participant teachers:</b>	Mária Dečová
<b>Date of the activity:</b>	15 <sup>th</sup> and 18 <sup>th</sup> Mar 2016

#### **Description of the activity**

Workshop on techniques & materials used in products making - the specialist on applied arts was invited in order to explain how something as art might be a part of subjects of everyday use. Some basic techniques were explained, students were shown what tools they may use in order to achieve the best results. Also some frequently used materials were discussed for their qualities. Last but not least - students got advice where to look in their search for useful materials and tools.

#### **Objectives**

- Let students to get familiar with the materials, tools and methods
- Help those who can specify their ideas yet struggle with the technical problems
- Inspire those who had not decided yet about what their final product could be
- Explain who certain materials go (or not) with each other
- Show where students can obtain useful stuff


#### **Outcomes**

Students became more self-confident, having quite concrete thoughts about what they would like to do in particular. They learned what improvements they can reach if they slightly change some things in technology and material.

Has the activity got a lesson plan? (if it does, please, attach it to this document)

Yes  No



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