



# „SCIENCE AND ART PAPERS“

Activity n. 37

**AIM:** Pupils sum up results of env project research in each country, prepare „Science and Art papers“ that are outcomes of the project.

# Methodology

## **Activity suggestions:**

Through art pupils create their outputs on posters and presentations. The teacher and pupils hold discussion about presented problems focusing on science.

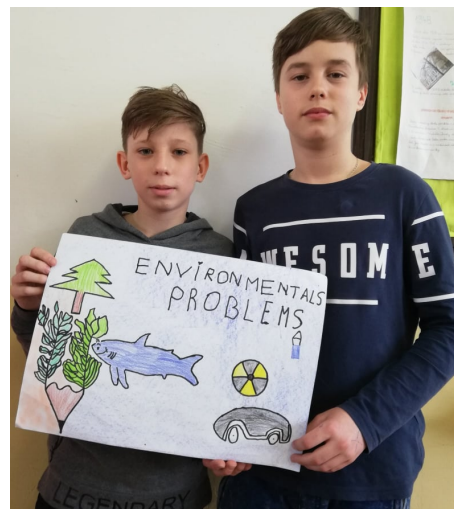
The teacher leads discussion focusing on the displayed problems.

Pupils present and discuss their findings and art work .

They launch the exhibition of their project work in programme Cloud

Topics: water pollution, soil, air, greenhouse effect, global warming, glacier melting, rising the sea and ocean level, biodiversity reduction, desertification, rainforest deforestation

# Various topics – Various outcomes „Science and Art“



VI.A class

# Various topics – Various outcomes,,Science and Art“



IX. A class

<https://2zs.edupage.org/#photos:album:986>

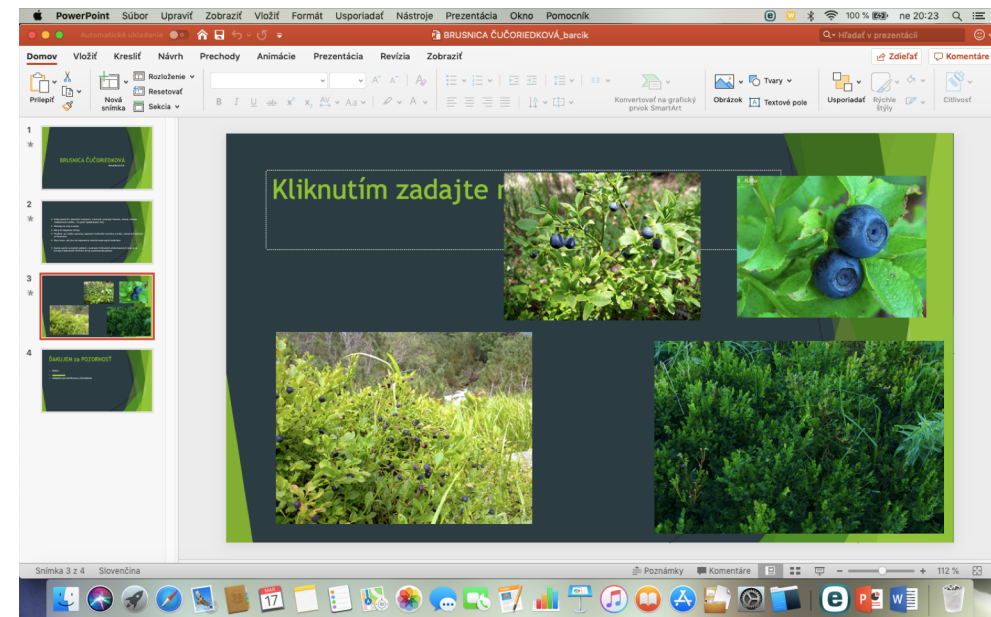
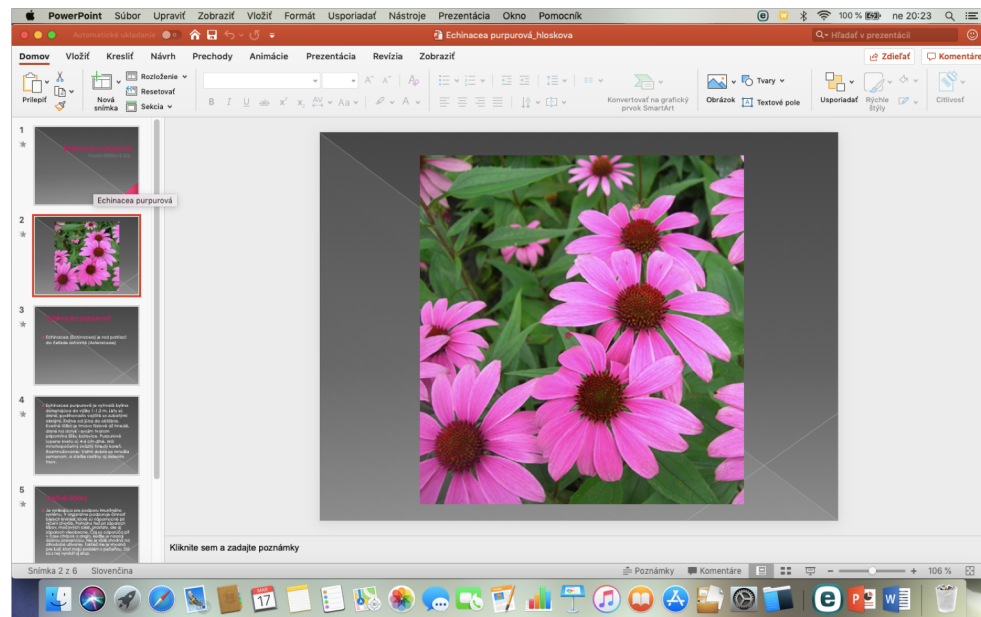
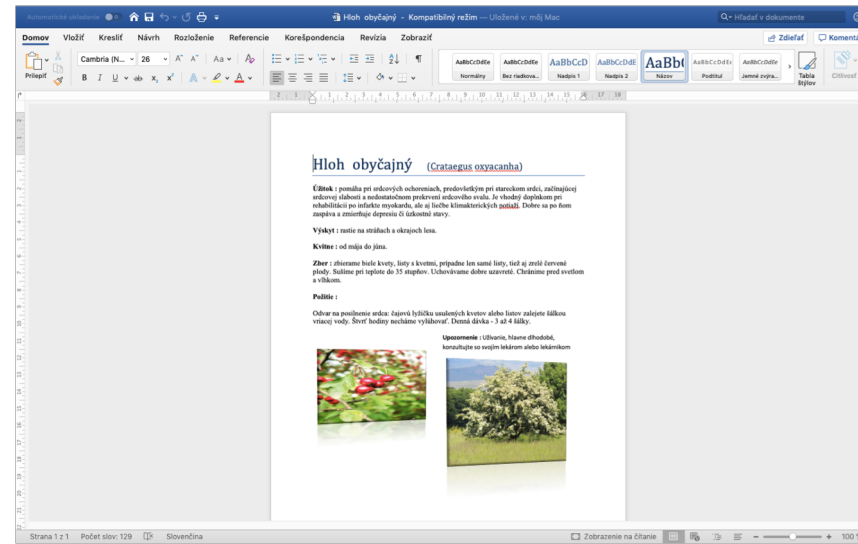
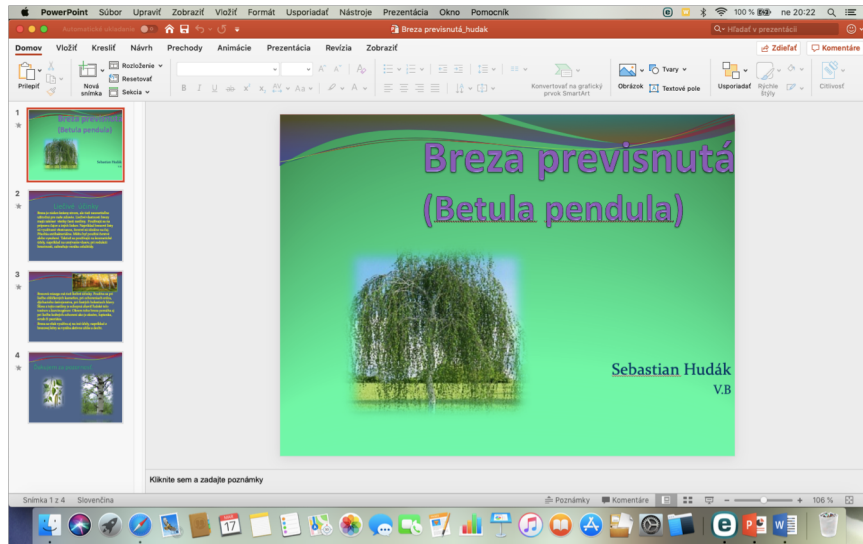
# Various topics – Various outcomes „Science and Art“



IX. C class

<https://2zs.edupage.org/#photos:album:986>


# Various topics – Various outcomes „Science and Art“



V. A class - presentation


# Various topics – Various outcomes „Science and Art“

**Ice melting** glaciers is a major problem today. It is caused by the ozone hole above the Antarctic.




Ice melting can and will not cause this: Increase in sea and ocean levels. Extinction of some endangered animals (eg ice bear) .....Between 60 and 90% of fresh water is frozen on Antarctica. It's roughly the size of Mexico and the USA together. If all this ice melted, the sea and ocean levels could Climb up to 200 feet.

<https://www.nytimes.com/2018/06/13/climate/antarctica-ice-melting-fast.html>



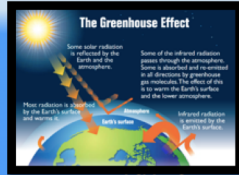

<https://pixabay.com/sk/%C4%BEad-%C4%BEadovec-antarkt%C3%AAda-voda-1907039/>

Richard Langer, Thomas Kosa



## THE GREENHOUSE EFFECT


- This is the increase in greenhouse gases in the atmosphere, which cause climate change. Solar radiation is reflected back into space and will heat up the planet, resulting in global warming and melting glaciers, rising sea levels and ocean levels, etc..

**Resources:**



[https://commons.wikimedia.org/wiki/File:Earth%27s\\_greenhouse\\_effect\\_\(US\\_FPA\\_2012\).png](https://commons.wikimedia.org/wiki/File:Earth%27s_greenhouse_effect_(US_FPA_2012).png)  
<https://www.erasmusbrno.eu/competition-and-dissemination>  
<https://pixabay.com/sk/%C4%BEadovec-antarkt%C3%AAda-voda-1907039/>

Matej Havran



## ACID RAIN


- THIS IS THE RAIN, WHICH IS SATURATED WITH THE CHEMICAL ELEMENTS THAT ARE FOUND IN THE AIR AND FALL WITHIN THE WATER CYCLE ON EARTH.
- WHEREAS ACCORDING TO THE MEASUREMENTS OF THE PH OF ACIDIC (SOMETIMES ALKALINE) CAUSING THE DRYING OUT OF THE TREES.
- ACID RAIN IS FORMED AS A RESULT OF A LEAK OF SULPHUR DIOXIDE AND NITROGEN OXIDES TO THE ATMOSPHERE

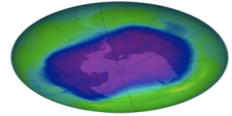

**RESOURCES:**

[https://sk.wikipedia.org/wiki/Kysel%C3%BD\\_d%C3%A1%20%C4%BEadovec](https://sk.wikipedia.org/wiki/Kysel%C3%BD_d%C3%A1%20%C4%BEadovec)  
<https://commons.wikimedia.org/wiki/File:Erasmus%20Logo.svg>  
[https://cs.m.wikipedia.org/wiki/Soubor:Acid\\_rain\\_wods1.JPG](https://cs.m.wikipedia.org/wiki/Soubor:Acid_rain_wods1.JPG)  
<https://pixabay.com/sk/bezrcenn%C3%BD-strom-dielsgrove-557847/>

Štefan Urban – Lukáš Martinkovič



## UBÚDANIE OZÓNU WANING OZONE

VI. B class – global environmental problems

## Soil erosion

Gradual disruption of the soil and the transfer of its particles to other places is called soil erosion. Erosion is mainly caused by water or wind. Based on this, we are talking about water and wind erosion.

It is a natural process that should be in balance with soil formation. Excessive erosion is mainly threatened by agricultural land.

The orb along the contour minimizes the gradual sowing and grading of the quality soil with water in lower positions.




<http://pdf.truni.sk/e-ucebnice/ch4/data/af5d1366-7174-4f45-977b-8d6a80a40a47.html?ownapl=1>




Miriám Lecká, Juliana Patavová 6.B

## Climbing of seas and oceans


The rise in sea and ocean levels caused by global climate change has a direct impact on the lives of over 600 million people living in low-altitude locations.



The situation is constantly worsening and humanity is just looking at it.



<http://www.internetencyklopedia.wiki.sk/Dovsch-Zeme.html>  
<https://migrain.centrum.sk/hechma/hilipia-occeaz-putie-sabto-nic-zem/57309.html>  
<https://www.aktuality.sk/dianok/263659/zaka-nas-otona-hidny-occeazov-sa-razobeh-150-rokov-dramaticke-zbvy/>



## Waste problems

Pollution-contamination earth life environment with materials, which distort, human health, quality of life, or functions of ecosystems (living organisms and their physical environment). Even when some environmental pollution are the result of natural causes for example. Volcanic eruptions, however people have the greatest share of their activities






Lara Mikulecová-6.B





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