

Comenius projekt „Geometry in everyday life”



Comenius



AGENCIJA ZA
MOBILNOST I
PROGRAME EU



Program za
cjeloživotno
učenje

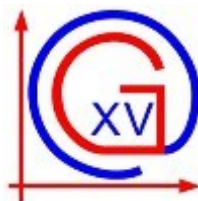
Deseta mobilnost : Riga, Latvija

05.-09. svibnja 2014.

- Implementacija projekta



Geometry in Everyday Life






Na mobilnosti su sudjelovali:

- *Marina Ninković, prof.matematike*
- *Vesna Ovčina, prof.matematike*
- *Marta Posavec, 3.A*
- *Maria Jukić, 3.A*
- *Jana Trconić, 3.A*




COMENIUS PROJECT GEOMETRY IN EVERYDAY LIFE XV. GIMNAZIJA, ZAGREB


1. LATVIA

- the planning and introducing with schools and countries
- 24. – 28. 09. 2012.
- works: a book book with Croatian deserts, a poster with the most famous Croatian sights and heretofore with pictures of Croatian scientists
- participants: Moja Alaber and Dora Puljić
- mentors: Bogo Miličić and Vesna Čvrtina




2. ROMANIA

- the history of geometry
- 22. – 26. 11. 2012.
- works: a poster and presentations about Croatian mathematicians P. Bolković and S. Binski on act about Mohr, Gerbelle and Leonardo da Vinci, the 16th century scientists and a presentation about Pappus Bolković's theory on curves
- participants: Kristijan Đeković, Gayatri Čaklović, Josip Čolomejci, Petra Jakovčević and Milica Vukelić
- mentors: Miroslav Ninković and Vesna Čvrtina




3. SPAIN

- jokes in geometry and math (calculators, sketches and shows)
- 24. – 28. 01. 2013.
- works: posters with mathematical jokes and a caricature of René Descartes
- participants: Matija Gagarin, Ivana Hećeg and Antonia Miličić
- mentors: Bogo Miličić and Jelenka Anić




4. CROATIA

- geometry in architecture – shapes and decorations of buildings
- 13. – 17. 03. 2013.
- presentations: The Pavilion of Echoes in Maksimir, The bridge in Štark, The music pavilion on Zrinjevac, Churches in architecture, Golden ratio in architecture, Modern architecture in Zagreb, Geometry of castles, Geometry in architecture
- an interview (movie) with mr. Anđelija Rašić, a Croatian architect and a movie about an orchaotic chamber in the Faculty of Electrical Engineering and Computing




5. LITHUANIA

- fractals – drawing and models
- 29. 04. – 03. 05. 2013.
- works: fractal designed jewelry, a presentation about fractals, an experiment which creates fractals and paper: Drawing fractals in Pythagoras, Mandelbrot and fractals and the circulatory system
- participants: Dora Bobović, Nikola Čulmović and Filip Novaković
- mentors: Marina Ninković and Jelenka Anić




6. FRANCE

- geometrical shapes in nature – geographical features
- 26. – 30. 09. 2013.
- presentations: Geometrical shapes in nature and Rainbow and a poster about geometry in real life
- participants: Marija Čučina, Paolo Vlahović, Dora Matek, Damiraj Plutec, Lucija Segarić and Lucija Utao
- mentors: Marina Ninković and Vesna Čvrtina




7. GERMANY

- art and geometry – national artists and analysis of their works
- 04. – 08. 12. 2013.
- works: a poster and a movie about Vlatko Cerić, a Croatian modern artist and a construction containing works of Croatian famous artists




8. POLAND

- national ornaments and signs – similarities and differences
- 03. – 07. 02. 2014.
- a film sketch with the development of Croatian football jersey, a sculpture of the Croatian pieter and a map of Croatia with clock needles
- participants: Mela Tadić, Ivana Pešković and Miroslav Čvrtina
- mentors: Matija Miličić and Jelenka Anić



9. BULGARIA

- geometrical and optical illusions
- 25. – 30. 03. 2014.
- works: a movie and a presentation about illusions and a drawing of an impossible cube and of an impossible triangle



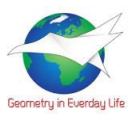
Jana Trčonić & Marta Posavec,
XV. Gimnazija, Zagreb, Croatia

1. zadatak

Izrada plakata koji prikazuje radove i aktivnosti učenika XV. gimnazijekroz sve faze projekta “Geometry in everyday life”.

Plakat su izradile učenice Marta Posavec i Jana Trčonić.

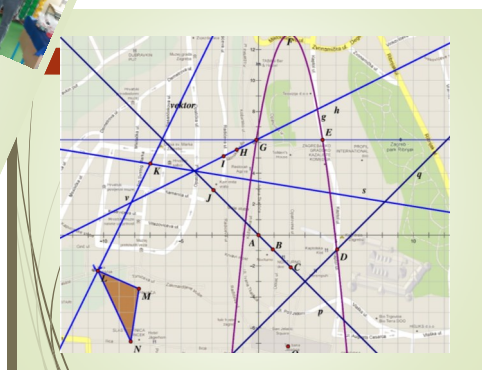
Plakat je trajno izloženu holu škole domaćina Agenskalna Valsts Gimnazija u Rigi.



Comenius Project: Geometry in everyday life

Geometry in architecture

XV. gimnazija, Zagreb, Croatia



2. Zadatak

Detaljna PPT prezentacija o susretu u Hrvatskoj koju su izradile i prezentirale naše učenice pred svim sudionicima završnog susreta.





Uz radni dio susreta domaćini su organizirali izlet u dvorac Sigulda., te razgled lijepih prirodnih krajolika Latvije.

Također je organiziran i zajednički razgled grada Rige.

Na radnim sastancima zaključili smo da je projekt bio zaista uspješan, i svima je bilo žao što se privodi kraju. Napravili smo puno radova, napravili veliki posao naučili puno o geometriji u svakodnevnom životu, usvojili nova znanja, razvili i usavršili brojne vještine, a ono najvrednije od svega je što smo upoznali nove prijatelje, njihovu kulturu, jezik i običaje.



