



Erasmus+



The Best Invention Competition

ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΙΔΙΚΟΣ ΣΤΑΘΜΟΣ - ΝΗΠΙΑΓΩΓΕΙΟ

ΚΟΛΛΕΓΙΟ ΔΗΜΟΤΙΚΟ-ΓΥΜΝΑΣΙΟ-ΛΥΚΕΙΟ

EUREKA!
Past, Present and Future!

Best Invention

Meet the challenge!

Competition for everyone aged 8 to 12!

Aristotelio College and Eureka! Past, Present and Future!

turn children's ideas into reality!

Calling all Aristotelio College students, aged 8-12, to share their ideas with us first and the world eventually!

All invention ideas are welcomed!

If you are imaginative, creative, resourceful and hard-working and wish to **make life easier or better**, then you can be the next Inventor!

Think of something original, useful and practical, or fun and wacky, and draw it on "**My Invention**" drawing sheet. Use pencils, colours, images and words to explain what this invention might do!

Visit the Little Inventors site for guidance! <http://www.littleinventors.org>

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Erasmus+

1st prizes
one week in Brasov, Romania
one week in Perth, Scotland

For assistance or further information call Ms Georgia at 6981667818



Erasmus+

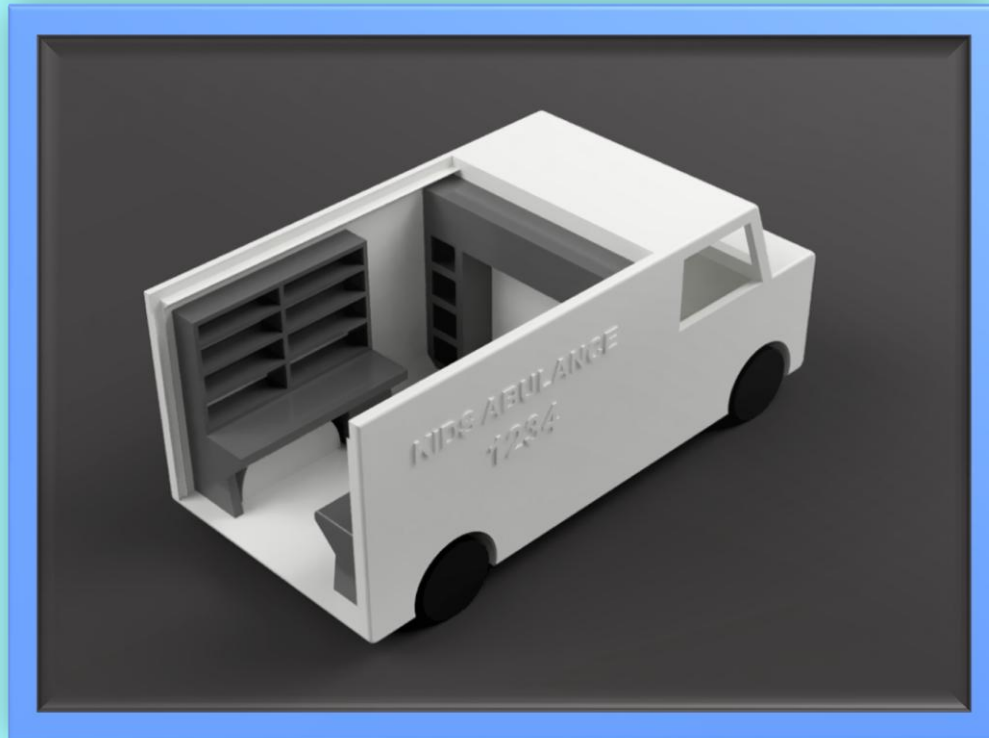
ARISTOTELIO COLLEGE BEST INVENTIONS



ΑΡΙΣΤΟΤΕΛΕΙΟ
ΠΑΙΔΙΚΟΣ ΣΤΑΘΜΟΣ - ΝΗΠΙΑΓΩΓΕΙΟ



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KIDS AMBULANCE

ARISTOTELIO COLLEGE BEST INVENTIONS



STREET FOOD AND HOUSE

ARISTOTELIO COLLEGE BEST INVENTIONS



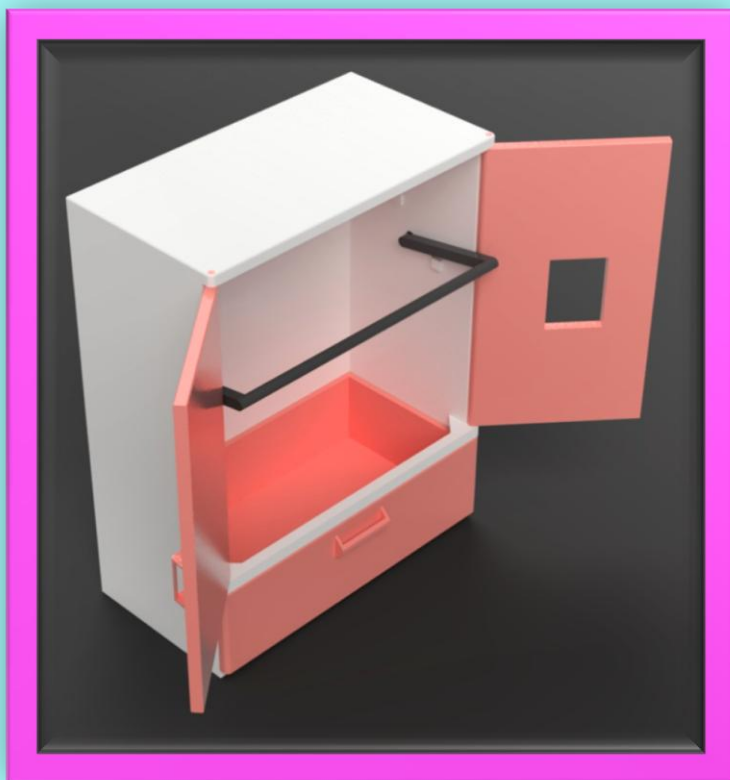
ECO VILLAGE

ARISTOTELIO COLLEGE BEST INVENTIONS



DRIVING WITH SAFETY

ARISTOTELIO COLLEGE BEST INVENTIONS



DRESS IT UP



STREET FOOD AND HOUSE

Niki Dimanopoulou, grade 3, fully developed her idea of bins that convert recyclable materials - glass, aluminum, plastic and metal - after recognizing the material and measuring its weight, into food and water for stray animals, while the back of the bin serves as a shelter for the small animals! Students actually constructed the robot in robotics workshops.

KIDS AMBULANCE

George Felekis, grade 5, worked hard on the medical service of a small transportable hospital for children, which provides general and specialized pediatric services to people under 14. 'Always near you', the ambulance is equipped with the latest technology medical systems!

George has created the website for this service, social media and email accounts.

URL : <https://kidsambulance.wordpress.com/>

E mail : ambulancekids@gmail.com Social Media: kidsambulance

ECO VILLAGE

Anna-Maria Verviti, grade 5, impressed us with her excellent functional construction of the ecological village. She thought and built in detail, the prototype of an ideally sustainable ecological village, which is energy-independent and ecological. It does not waste energy or water, it recycles the rainwater, uses solar, wind and hydro power, cultivates its own products and raises livestock. It is a sustainable green village.

DRIVING WITH SAFETY

Fay Cafe, grade 3, in collaboration with Matilda Konstantinidi, grade 4, worked enthusiastically on a mobile application idea DRIVING WITH SAFETY, which is connected to the car and when the accelerometer senses that the car is moving at a speed of more than 10 km per hour, will not answer calls, but it will send the caller the general message 'I cannot answer, I am driving', and also customised messages to selected contacts!

DRESS IT UP

Ismini Lagoutari, Iliana Kyzaki, Christina Kefou and Ioanna Zedrou, grade 6, worked with cheerful feminine temperament on their invention, the wardrobe which arranges our clothes on the hangers after rejecting the wrinkled or dirty ones. A monitor shows the weather and the colours that are in fashion. There is also a remotely controllable wardrobe lift for those seated. The girls actually constructed the robot in robotics workshops.

Greece travels to Romania - Scoala Gimnaziala nr.14, Braşov, Transylvania



To the enchanting Transylvania of Romania, the country of Dracula, travel four students of Aristotelio College, Thessaloniki, Greece, Anna Maria Verviti, Nicky Dimanopoulou, Matilda Konstantinidi and Fay Cafe, and two teachers, Ms Georgia Safouri and Ms Iosifina Katoflidou, in order to present their winning ideas in the Best Invention Competition.

Learning, teaching and training activity; participants, students from Greece, Scotland, France, and Italy who are hosted by Romanian families, teachers, and of course our Romanian partners.



**The chronicle of a journey
to knowledge, inventiveness, culture**

March 5: Day 1

The Greek team meets the partner students. We have fun at the ski resort of **Poiana**, Braşov. Different climate, different experiences, different cultures, ... but same people everywhere!



March 6: Day 2

At **Scoala Gimnaziala nr.14**: The partners take a tour around the school and students present the Best Inventions of each of the five schools in the Erasmus+ programme! The moment we've all been waiting for!





March 7: Day 3

Guided tour on the citadel **Cetatea Rupea** and afterwards enjoying a walk in the historic centre of **Sighişoara**. It is a most beautiful inhabited medieval town in the heart of Transylvania, listed by UNESCO as a World Heritage site.



March 8: Day 4

The Erasmus team are guided round the picturesque town of **Braşov**, particularly to a celebrated Gothic site, **Biserica Neagră** (Black Church), originally dedicated to Saint Mary, which owes its current name to a fire that kept burning for days, **Piata Sfatului** (Council Square) and **Strada Sforii** (Rope Street), the narrowest street in Europe.



We visit the first Romanian school, **Prima Scoală Românească**, which is now a museum. Our teacher teaches us Geography, History and Music in Anton Pann's – the famous story-teller's – classroom. Next to the museum there is Orthodox **Biserica Sf. Nicolae** (St. Nicholas Church), dating back to the 14th century.



Braşov, Transylvania, “Dracula’s” country



At Bran Castle, majestic castle on a hill in Transylvania, national monument and landmark of Romania. Known as the **‘Count Dracula’s Castle’**, as reference to Bram Stoker’s fictional character, is in fact Vlad Dracula’s aka Vlad the Impaler’s castle, a most violent and ruthless tyrant. The view from the castle is breath-taking, the history overwhelming and the blood-thirsty Dracula... practically present!



March 9: Day 5

At **Dino-Park** we meet the dinosaurs and watch 9-D cinema!



The journey to the enchanting Transylvania of Romania, the medieval country of Dracula on the one hand, and the city with the Hollywood “Braşov” sign on the other, has come to an end, but the Erasmus journey continues... We are grateful to the Romanian families who were most hospitable, and of course our Romanian and rest of partners for this wonderful week! We’ll keep the memories in our heart!





Our trip to Scotland – host school Craigclowan Preparatory School, Perth, UK

To beautiful Perth, former capital of Scotland, UK, on the banks of the River Tay, travel five students of Aristotelio College, Thessaloniki, Greece, Ismini Lagoutari, Iliana Kyzaki, Christine Kefou, Joanne Zidrou and George Felekis, and two teachers, Ms Georgia Safouri and Ms Despina Filippidou, in order to exhibit their Best Inventions in the “**European Youth Invention Ideas Fayre**” at the Royal George Hotel on 5th June 2018. Learning, teaching and training activity; participants, students from Greece, Romania, France, and Italy who are hosted by Scottish families, teachers, and of course our Scottish partners.



The chronicle

June 4: Day 1

The Greek team meets the partner students and takes a tour round the amazing **Craigclowan Preparatory School**, located in beautiful natural surroundings. We are guided round the city of **Perth**, former capital of Scotland, at St John’s church, the Albert monument, the city Court, the Fair Maid’s house and Lindores distillery. Different culture and temperament, yet same people.



June 6: Day 3



Travel to **Loch Ness**, the legendary lake in the **Scottish Highlands**.

We admire the natural wonders of the world's most famous lake and the awesome view from famous **Urquhart Castle**, and even though we fail to see Nessie, it is yet an experience to remember!



June 7: Day 4

Visit **Edinburgh**, the capital of Scotland, which is impressive due to the location, culture, natural beauty and sights, esp. the **Old Town** with its medieval architecture. Tour round **Edinburgh Castle**, a strong fortress which dates back to the 12th century. Built on the highest spot of the city, it is reasonably considered the landmark of the capital of Scotland.



June 8: Day 5

The **Best White Water Rafting** experience down the River Tummel! We paddle forwards & backwards/ hold on/ lean in/ get down and ... jump into the water. One of the highlights of this trip! Thank you, Nae Limits!



A journey to inventiveness, engineering, manufacturing, 3D printing and robotics

The Grand Day
June 5

The **European Youth Invention Ideas Fayre** at the Royal George Hotel – We exhibit our Inventions, Dress it Up!, Street Food & House, Kids Ambulance, Driving with Safety and Eco Village in front of the Eureka! partners and citizens of Perth. The **Provost of Perth**, Mr Dennis Melloy, opens the exhibition, highlights the importance of participating in international partnerships and inspires our youngsters.



Explaining to partners and visitors the inventions students thought of and implemented. Using their imaginative skills and good knowledge of English, the students communicate to the people who are present the process they followed from the conception of the idea to its materialization. These are the Greek hard-working students from **Aristotelio College**, who have managed to become the next generation of Inventors!

The end of the journey into the Scottish culture, mountainous countryside, medieval architecture and gothic revival, brings us closer to the closure of the Erasmus journey as a whole... A big thank you to the Scottish families who were warm and looked after our students in the best possible way, and of course Craigclowan School and rest of partners who made this week and this project so special! It's been a journey we'll never forget!

