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*Past, Present and Future!*

## *A LIFETIME EXPERIENCE*

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**SCOTLAND**

## EUREKA! PAST, PRESENT AND FUTURE!

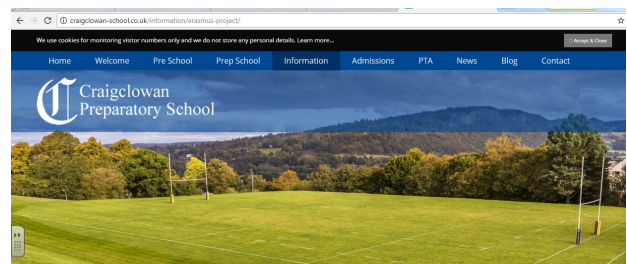


# Craigclowan School Dissemination activities

This document contains information about all the dissemination activities which Craigclowan School have undertaken to publicise and inform all interested parties about the activities of the first year of this project.

## School Website

A specific page on our school website has been set up where parents, pupils and the general public can learn about the project and see what we have been doing. In addition there are regular updates in the news section of our school website with more information about our activities.



HOME / NEWS / EUREKA! PAST, PRESENT AND FUTURE!

## Eureka! Past, Present and Future!

(26.05.17) On a beautiful, warm, sunny evening parents, teachers and pupils met to hear about our Eureka! Project. Mrs Dibnah explained about how the project had originated and what Craigclowan and all the partner schools have been doing during this first phase of the project. The two teams of pupils from Form Eight and Form Seven then spoke about the amazing adventures which they had had in Thessaloniki, Greece and in Paris, France.



## Facebook

A Facebook page for the project has been set up and all partners regularly contribute to the page.



## EUREKA! PAST, PRESENT AND FUTURE!

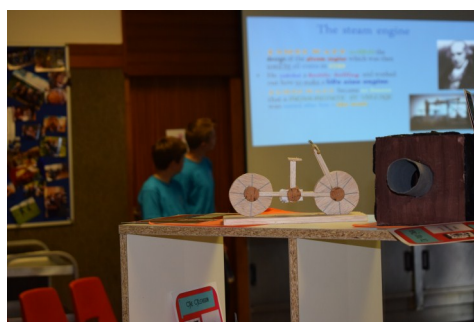
### Our Erasmus Corner

In school we have kept the Eureka project profile very high with display boards of pupils' work on the project displayed all around school and in the entrance to the school's main building and junior school.



### Information Evening and Assemblies

We held an information evening for parents, staff, local press, local businesses and university students. The models which the children had made were on display. We prepared powerpoint presentations about the project. Mrs Dibnah and a number of pupils spoke about the project. The pupils who had been on the trips to Paris and Thessaloniki had prepared powerpoint presentations and spoke about their work and the trips. and presented all of the work at a le school assembly where all pupils and staff were present.

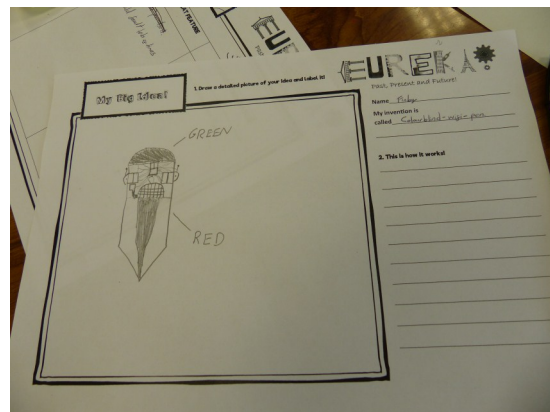
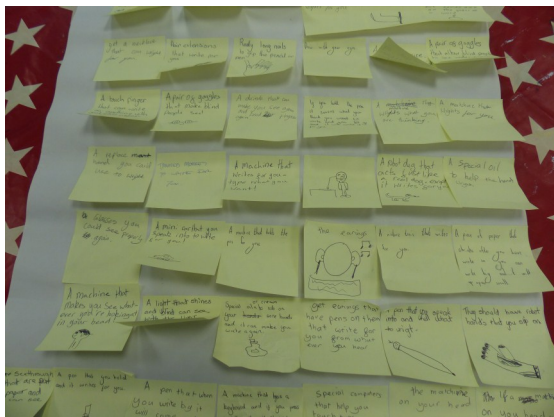


## EUREKA! PAST, PRESENT AND FUTURE!

### Invention design workshops

Design graduates from Strathclyde University, Glasgow and local business people in the field of design and innovation spent a day in school running workshops for forms five and six. Pupils learnt about the design process. How to identify problems and brainstorm ideas, select potential ideas and develop them into potential products.

We also linked up with a state-of-the-art design studio in London to learn about some of their projects and share ours.



## Our Travel Blogs

### Saturday 11<sup>th</sup> March 2017

Six very excited people, four pupils and two teachers arrived at Craigclowan Prep school on Saturday March 11 ready for their lift to Edinburgh airport. Of all the goodbye photos one included a group shot, wearing Tunnocks ponchos which was repeated at Athens and Thessaloniki airports.

Pupils have spent their ICT lessons last term researching Scottish inventors and inventions and preparing a presentation to take to Greece. Tunnocks Teacakes featured in their presentation. The children planned to serve a Tunnocks snack to the other nations' children and offer them a taste of Iron Bru. We had brought presents featuring Scottish products and Tunnocks, who manufacture the chocolate cakes gave us six of their jolly plastic ponchos for the trip.



Our journey was punctured by food stops and transfers were trouble-free. Note to teachers: always check the trays at security after they have been 'emptied' by the children. Who can manage on two flights without a tablet to photograph the beautiful Alps from the air? There were two hours difference from Britain and as we arrived in

northern Greece it was clearly very late for our hosts. There were the welcoming host families waiting to take the four children away to their homes. We were given sweet pastries and then the teachers were taken to the centre of the city and their hotel.



### Sunday 12<sup>th</sup> March 2017

Pupils spent the day getting to know their host families and the teachers spent the day getting to know the city. In the evening we all met by the White Tower, after a lovely sunny Spring day there was now a definite chill in the air, but not enough to deter Rachel from wearing her sandals! There was a ship / bar on the seafront and at 6.30pm we go aboard for a trip around the bay. It was fresh outside but wonderful views of the city were available to us. There was also a ceremonial marching band on paraded taking down the flag from the White Tower.

We walked past statues commemorating Greek heroes until we came to the wonderful Umbrella Installation by George Zongolopoulos

Antonio, our driver, drove us back in one of the schools' twenty three minibuses.



## Monday 13<sup>th</sup> March 2017

We visited the wetlands of the Axios Delta national park on Monday. Biodiversity was the name of that game. We were amazed to see flamingo feeding and flying over the water. It was chilly there and although we were assured of the many species of birds which inhabit that area we did not see them as they had been blown to the other side of the lake which was more sheltered. We were taken to a centre where a film was shown to us showing how man and nature can co-exist if attention is made to careful planning. Wetlands farmers cultivation techniques can be sustained by the rice which involve flooding.



In the evening the French and project partners were united: and Romanians.

Italians arrived and so all our French, Italian, Scots, Greeks

## Tuesday 14<sup>th</sup> March 2017



“The pupils and staff were so friendly and welcoming.”

We visited the Greek school today. We spent the whole day there. In the morning there was a tour of the school. Aristotelio Collegio is a wonderful school. The corridors are decorated with the pupils wonderful artwork, there are small, circular story telling rooms attached to each junior classroom, there are plants and olive trees in the playground. The pupils and staff were so friendly and welcoming. We all gathered in the auditorium in order to make our presentations. Greece began with their philosophers who, as they said, were also inventors. There was a costume drama to explain how the project came by its name by enacting Archimedes in his bath! Hilarious.



The competition for the logo was decided by a vote from a short list and the winner, Ismini Lagoutari, was announced. This was the task allotted to the Greeks and the short list had excellent designs from which we had to choose one. It was a hard decision to make.

Scotland then made their presentation. The children presented their description of Craigclowan School and a PowerPoint outline of famous Scottish inventions, concluding with a snack of Irn Bru and Tunnocks Teacakes for all. Freddie played his bagpipes whilst Rachel danced to the music, Iona and Rachel sang one of the two songs that they had rehearsed. There was such a lot to fit in.



## Tuesday 14<sup>th</sup> March 2017 continued...

When the Romanians presented their project Arthur helped out the younger Romanian children by reading out loud each set of English subtitles supplied. There were some challenging names for him to sight read!

We learnt about the Italian Moka coffee machine inventor, Alfonso Bialetti who was from the home town of our Italian partners, Verbania. The French made a presentation about Braille and the Bic! It was a busy but satisfying morning showing just how much work the schools had applied to researching and presenting their findings. The children left the staff to their business meeting in the staffroom at the school. Food was generously supplied by the lady in charge of the school tuck shop.

Everyone met later in the evening at a restaurant near the beach. The food was delicious and served in a calm and friendly way. The children were able to play outside and entertain themselves safely rather than become bored once they had finished eating. Another full day with tired children to see off to their Greek hosts.

## Wednesday 15<sup>th</sup> March 2017



The coach took us to Vergina. We were being guided by Maria, the most wonderful archaeologist, who has excellent English but, more importantly, creates lively and informative education packs for children and adults on her specialisation which is the archaeology of Ancient Greece. Her contribution was invaluable as she explained in the simplest terms the life of the key figures of ancient times. We visited the tombs of the Macedonian kings and had a very knowledgeable but intelligible account of what was discovered so relatively recently at that site. How exciting and precious are the items discovered there. This is a wonderful museum which Maria guided us through most meticulously. Our children were contributing throughout. The other children had to rely upon the translations provided by their teachers.

After this most emotional first visit the coach took us to Mieza where we followed in the footsteps of Alexander the Great as he debated with his teacher Aristotle. Literally following our guide around the garden school where the conqueror followed his mentor as his education progressed. We were shown a video in the museum which was in English. Here the importance of nature was demonstrated as the Aristotelean method was explained.



The evening was spent quietly reflecting on the momentous events we had experienced in our visits. The children spent an evening with their families. They have been so busy in so many different ways.



"We were being guided by Maria, the most wonderful archaeologist"

## Thursday March 16th 2017

It's Thursday and history day. Who better than the amazing Maria to explain the many conquests this strategically important area has experienced? Where better to start than the White Tower with its wonderful location and exhibits? The day continued with walks and bus lifts around sites illustrating the points first spoken of at the start of the day. We went from the east to the west of the city walls. What views, what photo opportunities! These, as you can imagine, were all embraced by modern electronic equipment and records for this century.

We were able to lunch in Aristotelian square enjoying seafood and a short catch up with the children who had asked if one of our Italian friends could join us. It was a most congenial conclusion to the first part of the day. Ice cream followed at a specialist bar and then the group reunited for the return to the school bus and the dance studio.

Paramythoupoli is the name of the town housing the dance studio where the children were able to learn and practise circus skills led by the Kirkland collective- Circus for All. This included Trapeze, aerial hoop, aerial silk and rope and stilt walking.



## Friday 17<sup>th</sup> March 2017



"Mount Olympus where Mrs Dibnah, the classicist, was able to realise a life's

We were a two-bus party to the archaeological site of Dion. The 24 of us were joined by Greek pupils from the 3 and 4 grade classes. We were guided, most expertly by none other than Maria, around the temples of the gods culminating in that belonging to Zeus. The children were asked to consider why the temples were outside the city! We walked the site and then the walls of the city before seeing remarkably well-preserved baths and lavatories and being advised of the civic importance of the public waterworks. There were some other public facilities nearby which challenged the Scots.

Rachel thought they were showers! A short promotional video about our Eureka project was made at the end of the visit.



It was then back on the bus to Dion, the classicist, was able to realise a life's ambition. It was a very steep road, in a very big bus from the window. The children were top of the road. A careful descent a park area where all the children they had eaten. Greece took on the match and narrowly triumphed.



Once the buses were back at school the children went with their Greek hosts until the evening when they met up with the teachers at a restaurant in the city centre. Another delicious meal!

Mount Olympus where Mrs Dibnah, the classicist, was able to realise a life's ambition. It was a very steep road, in a very big bus from the window. The children were top of the road. A careful descent a park area where all the children they had eaten. Greece took on the match and narrowly triumphed.

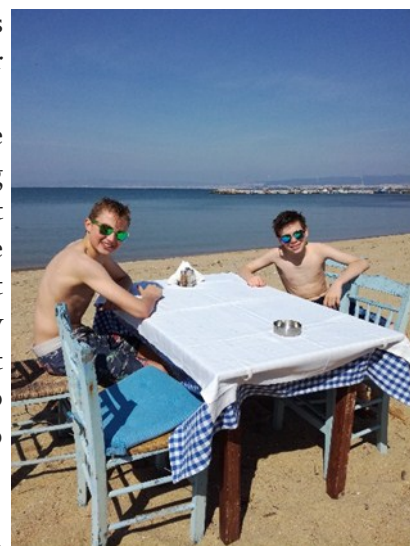
## Saturday 18<sup>th</sup> March 2017

This was our last day and we took an early breakfast at the hotel to say goodbye to our Romanian partners. As we were leaving in the early afternoon we thought we would explore the street markets around our hotel with the children. A last chance to shop! The children had so enjoyed eating in a restaurant by the sea that they asked for a chance to go there, perchance to swim! Carol arranged for us to be collected from our hotel by Antonio, so much more than our driver.



After a mid-morning ice-cream dangling our legs over the sea wall looking at the jelly fish and sea urchins we returned to collect our Italian partners for the bus ride to Peraia. Another memorable road trip!

Then we were there. Tables laid on the beach ready for lunch. Before eating Rachel, Arthur and Freddie could not be kept out of the sea! When the time came for it though they drove straight in. There are some delightfully captured, slow motion images of that plunge. This unscheduled addition to



our visit, aided by perfect weather concluded perfectly our trip to Thessaloniki. It will be a very hard act to follow.

It was a long but problem-free journey home. The children were so happy to be reunited with their parents after an astonishingly busy, happy, friendly, educational visit to the perfect city of Thessaloniki.

There are not words to describe what was established during those eight days but memories will be discussed in the many reunions which will surely follow.



It just remains for me to say a huge thank you to Georgia, she worked so hard to make our trip interesting, educational, enjoyable and FUN!



"There are not words to describe what was established during those eight days..."

# Erasmus Eureka! – Paris 4-10 May 2017

Thursday May 4<sup>th</sup>

After what seemed a lifetime of anticipation and building excitement the day finally dawned, warm and sunny, and we were off! Paris beckoned and we left Perth in high spirits, enjoying the sights of this fair land whizzing past the windows of the train.

Diligent students got out homework, and then promised Mrs Dibnah and Mrs Denyer that they would leave it in

their cases for the rest of the trip so

that they could focus on making the most of the opportunities that lay ahead. As the day went on, in case we weren't sure just how fast we were whizzing south, Ben kept us up-to-date with his train speed app and seemingly encyclopaedic knowledge of the UK rail system.

Further light relief was provided the train conductor who turned

out to have some great card tricks up his sleeve (though we didn't think literally)!

Arrival at King's Cross saw a quick visit to Platform 9  $\frac{3}{4}$ , but as we couldn't get through the wall and didn't have a flying car we stuck to Plan A and caught the Eurostar on to Paris. It was late evening by the time we arrived and we were all glad to see the welcoming smiles of the families the children were to stay with, who were waiting for us as we pulled in. The boys headed off by car and the girls and staff had their first experience of the Paris Metro (lots of stairs to keep us fit) en route to our respective homes for the week.

Friday May 5<sup>th</sup>

Our first full day in Paris was spent at the Ecole Saint Victor, our French partner school. We were given a warm welcome by the whole school community and enjoyed a delicious buffet breakfast of pastries, French bread, coffee and juice provided by the parents. It was a great way to meet parents, staff and pupils of Ecole Saint Victor along with time to say hello to pupils and staff from our partner schools in Greece, Italy and Romania.

Whilst the adults enjoyed chatting over coffee our energetic pupils soon discovered what was to become an unexpected highlight of the trip: walking on stilts! With the encouragement of their French counterparts, some of whom were very young, the Craigclowan contingent soon mastered the art of stilt walking. Then it was time for Mrs Dibnah and Mrs Denyer's turn: both were relieved to find that hours of childhood fun on stilts had not been forgotten (and it is still fun) and so honour and dignity remained intact! Stilts are now definitely on the wish list for

the Craigclowan playground.

Breakfast over we were wonderfully entertained by the Ecole Saint Victor pupils who sang to us beautifully both in French and in the language of each of the partner schools before hot air balloons were launched in the playground, different colours representing our different nations. Exchange of ideas and research followed, with the visiting schools joining different classes and both French and visiting nation students giving presentations highlighting the research they had done on inventors from their own country and the games or models they had made to disseminate this information amongst their own school community. Craigclowan pupils were treated to a bilingual presentation by our hosts. Something for us to aspire to?



by



The remainder of the morning was spent playing on the stilts (again) and joining in a giant game of stuck in the mud in a PE lesson! Appetites revived once more it was time for staff and pupils to enjoy an excellent French lunch of fish, cheese (of course) and wine (staff only). We began to wonder how they work in the afternoons if every lunch is like this!

Once lunch was finally over (it was hard to tear ourselves away from that cheese), the children joined lessons, including a visit to the local swimming pool, and the teachers from all five countries had a very productive project meeting to discuss the project so far, upcoming targets and the arrangements for the next phase. Launching in September, it will involve the children having the opportunity to devise their own inventions which will make life easier for someone else.

After heading home with their families, and the teachers from the four visiting countries enjoying an early evening stroll together to the Jardin du Luxembourg, we reconvened at the school for another wonderful meal. The parents had once again provided a range of French treats (including a comté cheese served to President Barrack Obama on his visit to Paris) and the sun shone as relaxed with our friendly hosts and the children played on the stilts - again.

### Saturday 6th May

Today saw the start of our cultural activities around Paris, and the beginning of many visits which showed us just what a beautiful and fascinating city it is.

The Musée des Arts et Metiers was our first port of call. This museum, unknown to and unheard of by most of us beforehand, is well worth visiting. It showcases inventors and inventions over hundreds of years, so was a perfect fit for our Erasmus project. We all found different things to hold our interest, capture our imagination and inspire us.

There were parallels to be drawn with Scottish inventions, concepts the children had come across in Maths and Science lessons, objects that reminded us of books we'd read or films we'd seen, such as the satellite from 1962 that bore a striking resemblance to the Death Star from the Star Wars films, and yet others that struck a chord with current issues such as sustainability, for example an early solar-powered oven. By the end of our visit we certainly agreed with a review we'd read that the Musée des Arts et Metiers is the coolest museum (and metro station) in Paris!

After a brief refuelling in a café with Scottish and Greek teams together (think chocolat chaud, croque monsieurs and a variety of languages) the children headed off with their host families for the afternoon and evening. For Ben and Ross this meant an afternoon of fun, games, music making and sweets at their host's birthday party and for the Issy and Tessa a climb up the Eiffel Tower and an evening making crêpes and playing monopoly (in French of course). Mrs Denyer fulfilled a long held ambition to visit the Musée d'Orsay, home to work of the impressionist artists including her favourites, Monet and Pissarro, which she deemed well worth queuing in the rain for, and Mrs Dibnah caught up with old friends and old haunts!

### Sunday 7th May

Election Day in France dawned grey and drizzly in the French capital, but nothing could dampen our spirits as we met at the metro and headed off to the Louvre. It was as spectacular on the outside as we had imagined, so selfies were duly taken with the backdrop of the glass pyramids before we happily dodged the queues and whisked through the groups' entrance.

Where to go first in this enormous museum? The Mona Lisa of course! We followed Mrs Dibnah along a maze of crowded halls and there she was (the Mona Lisa that is, not Mrs Dibnah), initially partly obscured by a large phone waving, photo snapping crowd. The advantage of being 11 or 12 though, is that it's easier to wiggle to the front, and the advantage of being with 11 or 12 year olds is that people let you pass to keep track of them, so we soon found ourselves enjoying a (relatively) close up view of this famous lady. More chocolat chaud followed in the cafe whilst we let this sink in and decided which parts of the museum to focus on next.



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Mrs Dibnah led us to the Roman and Greek art where we saw sculptures of figures familiar from legends we had heard back in Scotland. We found a statue of a Greek God who looked as though he was taking the first selfie, another of Romulus and Remus and an enormous marble bath! Mrs Denyer then put a bid in for the African art where we enjoyed a wonderful contrast from the European sculptures and paintings we had seen so far.

Outside the museum the stage was being set (quite literally) for Macron, who would turn out to be France's new President by the end of the day.



Tessa and Issy then headed off for the shops of the Champs Elysée with their hosts whilst Ross and Ben headed home with their family for an afternoon of games and more music making. The two Mrs Ds meanwhile headed off for a bit of shopping of their own and a visit to Monet's breathtaking water lily canvases (cue ecstatically happy Mrs Denyer) in the Musée de l'Orangerie.

The evening was spent with families for the children and a meal with the staff from all five Erasmus project nations

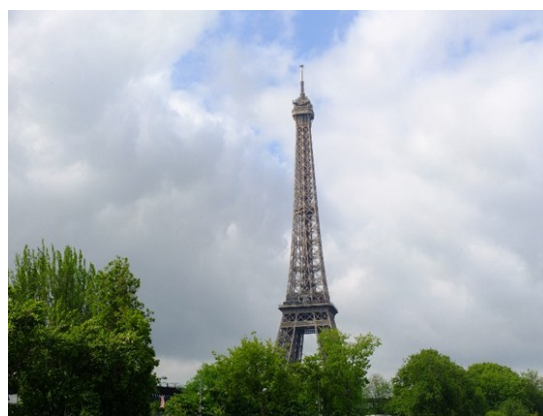
for the teachers at a 'Moules' restaurant (another favourite for Mrs Denyer). It was great to be able to relax with our colleagues and chat about the similarities and differences in our respective schools, education systems and pupils! Whilst we ate news came through, whilst Ben and Ross enjoyed a victory party thrown by their hosts. It proved a wonderful opportunity for our pupils to experience the workings of democracy in another country.



### Monday 8<sup>th</sup> May

Monday, a French national holiday, brought brighter skies and a chance to get a different view of Paris, this time from a boat on the Seine. Pupils and staff from each of the five nations again joined together and enjoyed seeing some of the most famous landmarks of this beautiful city from the water. Many exclamations of 'ooh', 'aah', 'wow' and 'look over there' followed during a very happy morning which flew by as we cruised past museums, the Eiffel Tower, the Notre Dame and Jardin des Tuileries to name but a few.

The national groups headed off in different directions after our boat ride and the Scottish contingent set off (after more chocolat chaud and croissants of course) in pursuit of another view of the city. First we headed up to the Arc de Triomphe, from which hung a huge Tricolor flag and underneath which had just been a ceremony commemorating those who had fought in various wars. It was a moving scene. From there we headed to higher ground as, with Mrs Dibnah as our excellent tour guide, we found ourselves in Montmartre standing outside the Sacré Cœur. The views were worth the walk and we had fun spotting the places we'd been and seen earlier in the day. Ambling through the streets of this colourful part of Paris was great fun, and so was shopping in the chocolate and souvenir shops we came across, followed by the fidget spinners that were quickly snapped up (and then rarely put down) by eager Craigclowan pupils.





Our stomachs nudged us in the direction of the Place des Tertres and we settled down to an outdoor lunch of pizza (pupil's choice), onion soup and baked camembert (adult's choice). The square was filled with artists and we had great fun watching them at work as we ate and then wandering around their stalls afterwards. Then Mrs Dibnah's hidden talent for haggling came to light as she swiftly negotiated a price for Issy, Ross and Tessa who wanted to have their portraits drawn by some of the artists competing for their business. Ben and Mrs Denyer were captivated by a street musician in a colourful costume playing a variety of inventive and unusual instruments whilst the others posed for their portraits

under Mrs Dibnah's watchful eye.

As the afternoon went on we visited the Opera House where we hope one day to hear Ben sing and, as we could not go in due to a performance, we retreated to a cafe for a chocolat chaud to make up for the disappointment! Our final sight of the day was the Place de la Concorde, which we saw from the vantage point of the Big Wheel. We marvelled once again at the sights of Paris, this time in early evening light, and were surprised how much ground we had covered on one day.



But sightseeing is hungry work, so after a visit to a French supermarket to stock up on picnic supplies for the next day we were ready to meet the other schools and some of the families in a crêperie. Sweet and savoury crêpes were devoured by all, as the children chatted with their French, Italian, Romanian and Greek counterparts (helped by fidget spinners) and the staff caught up with the day's news from colleagues and host families. Hugs were exchanged with our Greek friends as the evening drew to a close as they were to head home in the morning.

Leaving the crêperie we were struck by a view of the Panthéon, lit by moonlight. A fitting end to a day full of the wonderful sights, sounds and flavours of Paris.

## Tuesday 9<sup>th</sup> May

This was, in some ways, the day we had been waiting for (or at least, Mrs Denyer had) - a trip to Monet's garden in Giverny. A metro ride together to the train station allowed Ben, Issy, Ross and Tessa to perfect their balance moves between stations, before a pleasant train ride through pretty French countryside towards Monet's home.



Arriving in Giverny we went first to the church where Claude Monet and many of his family are buried, visiting his grave and taking in the peace and quiet of this tranquil spot. A picnic lunch followed and we were blessed with sunshine and birdsong.

We ambled through the pretty village of Giverny and there we were, at Monet's garden. A project on Monet back at Craigclowan and an excellent assembly by the Art Club had helped to prepare us for this visit and it was fabulous! There was a huge amount of colour in the garden, despite the relatively early time of year, with different flowerbeds being

given over to different groups of colours. We looked around Monet's house, saw some of the paintings he had hanging there by other artists and imagined ourselves in his shoes as we looked out over the garden from the upstairs windows. Of course the most well known part of the garden is the lakes, with their water lilies, weeping willows and Japanese bridge. Although the lilies were not yet in flower the reflections on the water were beautiful and it brought our understanding and appreciation of Monet's work to life. Mrs Dibnah and Mrs Denyer were impressed by the impact the garden clearly had on Tessa, Ross, Issy and Ben and their response to it: after all, gardens are not usually most 11 and 12 year olds first choice for a great day out! This special garden held us all captivated though. Our time passed quickly and although Mrs Denyer would have liked to stay indefinitely (perhaps even taken up residence), we were eventually coaxed out with the promise of ice-cream.

Our journey back to Paris gave us some time to reflect on what we had seen, as well as to enjoy the novelty of sitting upstairs on a double decker train! At the station we bid farewell to the Romanian and Italian pupils and teachers, wondering which of them we would see again, and where.

A final evening with host families and the opportunity to give thank you gifts for the hospitality our pupils had been shown was eagerly embraced and we were once again impressed by just how these four Craigclowan pupils had thrown themselves so wholeheartedly into every aspect of our time in Paris.

### Wednesday May 10<sup>th</sup>

An early rendezvous at the Gare du Nord saw fond farewells between the Craigclowan families and their hosts, with open invitations issued to visit their hosts again, bringing their own families with them, and promises made to visit Scotland in return. The Eurostar awaited and we soon found ourselves being whisked out of Paris and back towards London, our week in the French capital having flown as quickly as the train ride.

The journey to London and then on home to Perth passed easily thanks to exchanging memories, a little sleep, Ben's train facts and train driving simulator and (seemingly) endless hours of playing with fidget spinners. As we began to recognise the familiar landscape of Scotland, complete with flowery gorse glowing in the late afternoon sun, a different kind of excitement took over as thoughts turned to being reunited with family and friends. Pulling into Perth station we realised we have the best of both worlds - we had shared a memorable and inspiring week away and have the warmth of loving families and a fabulous school community to come back to and share our experiences with.





EILIDH WITH HER  
FINISHED NEW  
TELEVISION.

Ben and his  
ring-a-ding  
ding  
cardboard  
telephone.



Louisa and  
her  
amazing,  
astonishing  
ATM money  
machine.



Digby and  
his  
baffling,  
beautiful  
bicycle.



Patrick and  
his  
miraculous  
model tyre.

Ella and  
her  
magnificent  
Macintosh  
jacket.

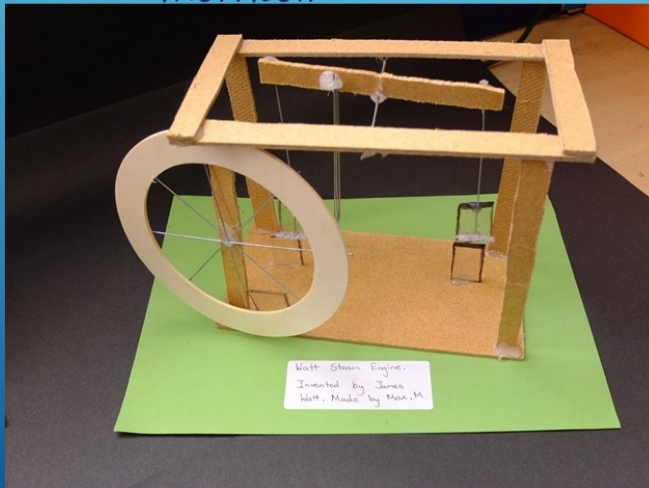


Archie and  
his  
phenomenal  
phone.

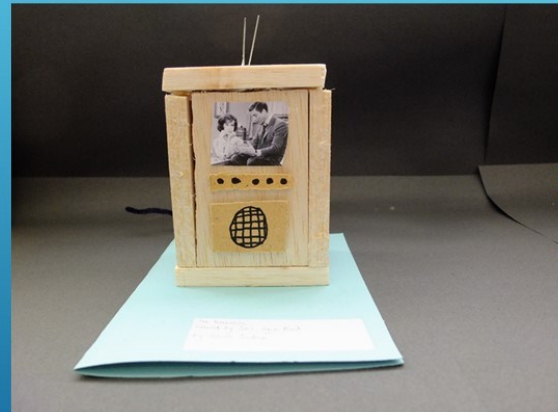
Maisy and  
her fabulous  
first radar.



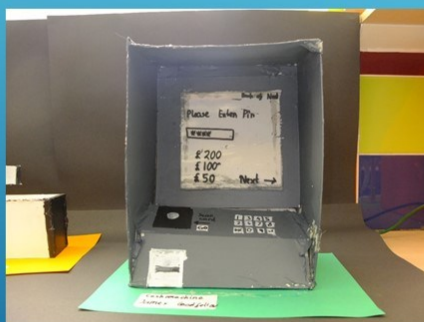
The super steam engine recreated by Max Morrison.



The first television designed by Eilidh Jordan.



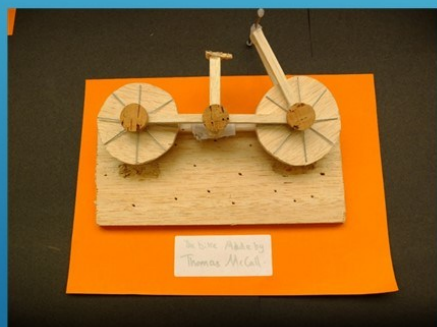
The amazing ATM machine made by George Lang.



THE TREMENDOUS TELEPHONE CREATED BY BEN CLARK.



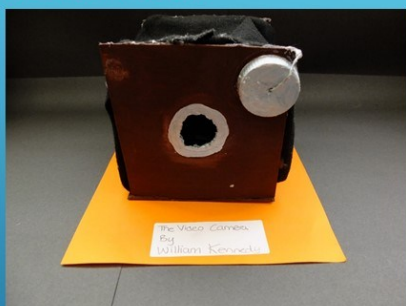
The bicycle by Digby Berry.



The miraculous Macintosh jacket designed by Izzy Skinner.



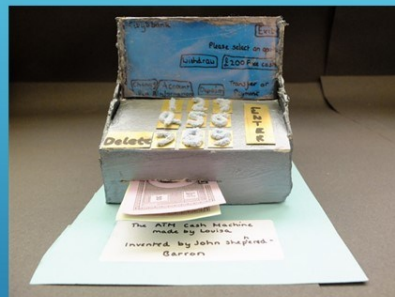
The clever camera by Madi Salins!



The brilliant bicycle re-created by Kinvara Lawson.



The ATM machine created by Louisa Todd.



The fascinating first calculator!



BY JAKE SINCLAIR

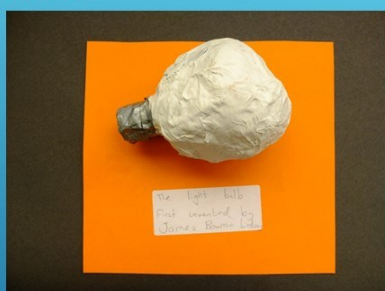


## The fascinating first calculator!

BY JAKE SINCLAIR



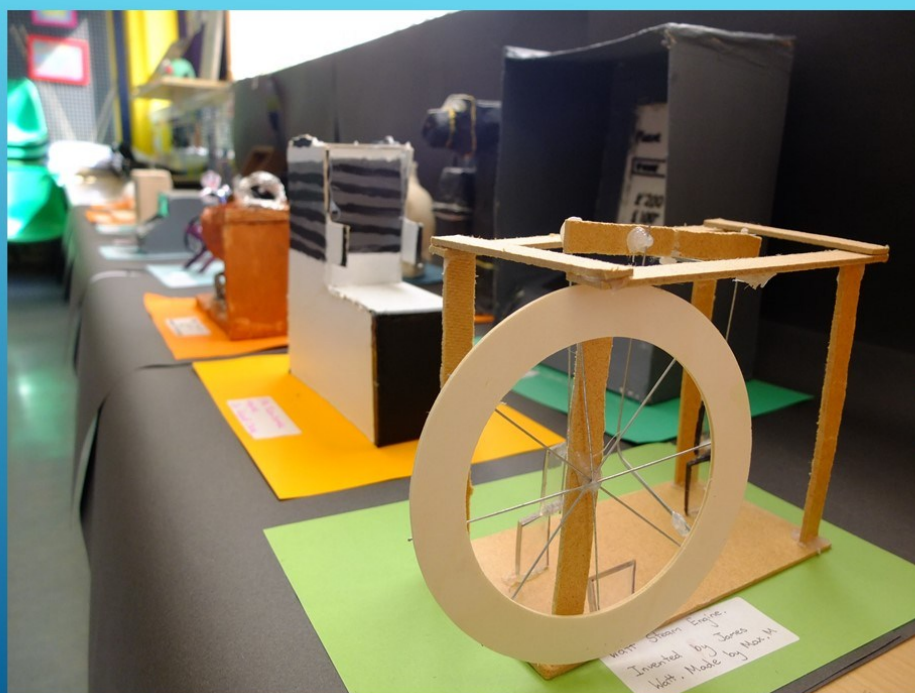
## The luminous light bulb by Alicia!



## The fantastic first radar by Maisy Earl!



Our art  
room  
becomes  
a  
museum!





**ROMANIA**

# Secondary School No. 14 Brasov

## Romania

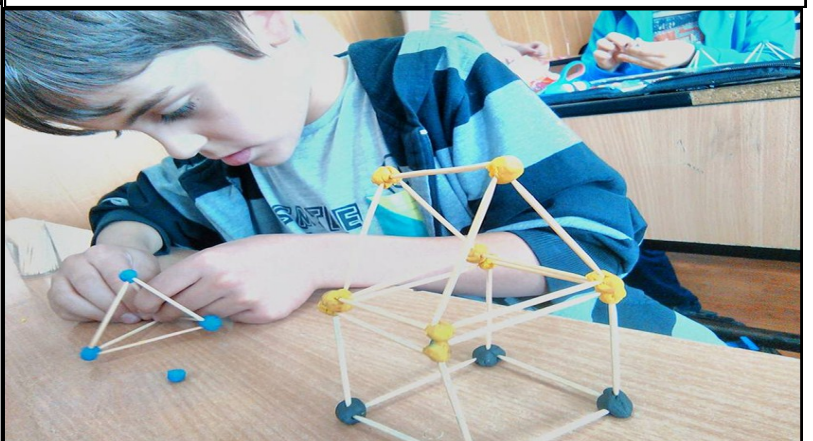


The Secondary School No 14 Braşov is a state school which was founded in 1958. The school is located in the outskirts of Brasov having a school population of 940 students at primary and lower secondary level.



“Tell me and I forget, teach me and I may remember, involve me and I learn.”  
Benjamin Franklin

Our students possess a mixed range of abilities that's why the school staff is making great efforts in ensuring that each student has the opportunity to reach their full potential.



# 1st Transnational Meeting - Scotland

In the period, 9<sup>th</sup> – 13<sup>th</sup> October 2016, it took place the transnational meeting in Perth, Scotland (UK), as part of the Erasmus partnership KA2, school partnership only, entitled: Eureka, Past, Present and Future!, ref no: 2016-1-UK01\_KA219-024237\_5. Secondary School No 14, Brasov, Romania was represented by Mirela Catarama.



The Erasmus partnership will open new doors towards Europe, both for teachers and students, giving them the opportunity to find out more about the culture and the educational system of the countries involved in the project.

During the first transnational meeting I had once more the opportunity to understand the people have common points and visions no matter the place they are living in, and that friendship, understanding and tolerance are the most important values of the humankind.



This meeting has offered us the opportunity to present our city and educational system, to compare and contrast it and to share ideas and practices that can be used later in our schools. I consider it is a great opportunity for networking and exchange of good practices.

# WORKSHOP „INVENTIONS AND INVENTORS”

*„An inventor is a man who looks around him and is not content with things as they are. He wants to improve everything he sees, wants to bring benefits to the world.”*

*(Alexander Graham Bell)*

On 6th of March 2017, at the "George Barițiu" County Library for Children and Youth, the Workshop entitled "***Inventions and Inventors***" took place, an activity organized within the Erasmus + Project: ***„Eureka! Past, Present and Future!"*** by Prof. Rătescu Roxana, Prof. Cataramă Mirela, Prof. Bodor Bianca and Prof. Fejer Alexandra.

This workshop was attended by 20 pupils from 4th B 4th C, 5th,C 6Bth and 7thC. First, children viewed two of the winning presentations in the Project Documentation Stage. The films of Elena Mureșan Bianca (3rd B) and Neagu Maria Nedeea (4th B ) which had a positive impact on all children.

The first task of the workshop was to create the Profile of a person drawn by each team. Thus, students have been challenged to think about their name, age, origin, hobbies, personality and things that they love or hate such as a sportsman, a baby, a mother, a grandparent, a dancer, a teacher, or a scientist . The children have written and drew ideas that could help them overcome their problems or difficulties.

The second task consisted of drawing and describing an invention. The children drew a situation from the jar and then they worked in groups to find a solution to the given situation. Students' creativity and inventiveness have been challenged by improving or finding a solution to the given situation. The challenges were: **invent a new type of school desk, describe an invention for someone lost on an island, an invention to make learning more fun, an invention that makes sad people happy, an invention to help people live on Mars.** The children came up with ideas and for about an hour they put themselves, perhaps without realizing, into the shoes of an inventor. At the end of the activity, the children received diplomas and visited the library's rooms, under the guidance of **Mrs. Melania Luana Butnariu.**





# Mobilitate Erasmus+ Grecia - jurnal de călătorie



## Ziua 1 - 12 martie 2017

Este ziua care va rămâne pentru totdeauna în amintirea noastră: ziua în care pentru prima oară, Teofil, Nedeea, Alessia și Bianca au plecat din cuibul confortabil al familiei lor în cea mai îndrăzneță călătorie din viața lor de până acum: o călătorie în Thessaloniki, Grecia, o călătorie în cadrul proiectului Erasmus ***Eureka!Past, present and Future!***



Am plecat din Brașov, dimineața la ora 7.00 spre aeroportul Henry Coandă din București.

Ajunși acolo, am avut timp să admirăm machetele de avioane celebre expuse: avionul lui Traian Vuia, avionul lui Henry Coandă. Cu cât ne apropiam de momentul îmbarcării, emoțiile și entuziasmul Nedeei creștea. Pentru ea, acesta a fost primul zbor, prima oară când a văzut un avion, prima oară într-un aeroport. Decolarea a fost plină de emoții, entuziasm și bucurie.

Escala în Atena și zborul până la Thessaloniki nu au făcut decât să ne sporească nerăbdarea, curiozitatea și emoțiile. Descopeream pe geamul avionului un peisaj nou, interesant, relief ce cobora brusc de la munți la litoral, o mare azurie ce ne răpea privirile și un cer senin pe care soarele trona, strălucitor. Grecia!

În aeroportul din Thessaloniki, familia gazdă la care fusese repartizată Nedeea, o aștepta cu emoții și cu un buchet de flori.

La școală, celelalte familii au venit să ne întâmpine.

## Ziua 2 - 13 martie 2017

Experiența noastră culturală în Thessaloniki, Grecia, a început cu o excursie în Delta Axios. Seara, am avut parte de o super-provocare: am participat la Mystery Escape Room, unde am încercat, în echipe, să descifrăm coduri, să descoperim secrete, să găsim cele cinci statui ale zeilor greci furate de către Jack Travis, să deslușim mistere în 60 minute cât aveam la dispoziție și, astfel, să evadăm din camera unde am fost încuiați.

*"La familia gazdă am simțit ca și cum ar fi începutul unei aventuri frumoase...dar chiar așa a fost. Am auzit limba lor interesantă (vorbeau foarte repede în limba lor) și mi-am dat seama cât este de importantă comunicarea în limba engleză." Alessia*

## Ziua 3 - 14 martie 2017

Ziua dedicată activităților în școala gazdă, Aristotelio College. Dimineața, am făcut turul școlii și am descoperit o școală prietenoasă, caldă, primitoare. În acest timp, copiii au participat la ore în clasele copiilor gazdă.

Întreaga după-amiază a fost dedicată prezentărilor despre Inventatori și invenții ale fiecărei țări. În sala mare de festivități, am asistat la piesa de teatru organizată de elevii clasei a VI-a a Colegiului Aristotelio, o piesă de teatru în care am făcut cunoștință cu Platon, Aristotel, Pitagora, Herodot și Arhimede care conchide: "Toți filosofii sunt inventatori" și "Modern Western civilisation owes so much to ancient Greek philosophy and technology."



Și prezentările partenerilor din Scoția nu doar ne-au furnizat informații și cunoștințe despre invențiile naționale, ci ne-au pus în situația de a le experimenta senzorial și cultural: am degustat sucul IRN BRU al inventatorului scoțian R. Baar și am rostit rugăciunea culturală care se spune înainte de a servi sucul, am degustat prăjitura Tunnock și am vizualizat invenția Moka Express a inventatorului italian Bialletti. Elevii din Scoția au pregătit și un moment cultural: Freddy a cântat la cimpoi, iar Rachel a dansat un dans popular scoțian.

*"În ziua a treia am mers la școală unde grupele de elevi din cele 5 țări au prezentat lucrările despre inventatorii și invențiile țării lor. Părerea mea despre elevii greci care au făcut teatru este foarte bună, s-a văzut că au muncit mult. De asemenea, mi-a plăcut prezentarea grupului din Scoția că au cântat la cimpoi și au dansat, iar la sfârșitul prezentării ne-au dat suc tradițional și prăjitură."* Teofil

## Ziua 4 - 15 martie 2017

Am vizitat cimitirul regal din Aegae unde sunt înmormântați regele Filip și fiul său, Alexandru I. Ghidul nostru, Maria, un arheolog și ghid turistic pasionat ne-a făcut o incursiune în timp, la înmormântarea regilor macedoneni, descoperindu-ne tainele picturilor murale, ale arhitecturii și ale ornamentelor de pe obiectele descoperite în mormintele celor doi regi și expuse în cadrul sitului arheologic.

Am vizitat și locul în care Alexandru I, fiul regelui Filip, a învățat, fiind discipolul filosofului Aristotel. Am simțit magia locului respectiv și frumusețea peisajului, iar ghidul, printr-o scurtă simulare, ne-a ajutat să intrăm în atmosfera acelei epoci, dovedindu-ne încă o dată, cât de important a rămas în cultura grecească teatrul.

*"Am simțit că aș fi un elev de-al lui Aristotel."* Nedeea

## Ziua 5 - Turul oraşului.

Penultima zi, a fost dedicată cunoaşterii oraşului. Turnul Alb, vechiul turn al portului Thessaloniki, aflat lângă mare, oferă o privelişte excepţională asupra mării. În interior, ghidul ne-a arătat evoluţia arhitecturii oraşului şi ne-a vorbit despre schimbările cărora turnul le-a fost martor.

La Muzeul de Arheologie, am învăţat despre viaţa de zi cu zi din Grecia Antică: am admirat armele, instrumentele de scris, vasele folosite pentru păstrarea uleiului şi a măslinelor, instrumente de curăţat noroiul de pe corp după antrenamentele zilnice din cadrul şcolilor, am învăţat să descifrăm imaginile de pe vasele greceşti şi am aflat că pentru grecii din Antichitate culoarea ghinionului era culoarea galbenă.

Am urcat apoi pe vechiul zid al oraşului, aflat atunci la marginea acestuia iar acum aproape de centru. Am vizitat Biserica Sf. Demeter şi am coborât pentru prima oară în catacombe, locul în care creştinii se ascundeau de romani pentru că aceştia îi persecutau şi îi omorau pentru credinţa lor.

Tot traseul nostru s-a încheiat în centrul oraşului, în Piaţa Aristotelio. În centrul pieţei, tronează statuia lui Venizelos, iar în jurul acestuia sunt amplasate dovezi ale tuturor perioadelor istorice prin care a trecut oraşul: ruinele agorei romane, o biserică otomană, o biserică bizantină şi clădirile construite recent condorm viziunii arhitectului Ernest Hebrard.



## Ziua 6 - 17 martie 2017



În ultima zi am vizitat ruinele templelor lui Zeus, Persigena şi Isis şi Băile Publice Romane. Apoi am urcat pe muntele Olimp, acolo unde legendele spun că au locuit zeii.

*"M-am simţit ca în vise, urcându-mă pe muntele zeilor greci. Era zăpadă multă. Toţi copiii râdeau văzând zăpada." Alessia*

## Ziua 7 - 17 martie 2017

Ziua de 18 martie 2017 a fost ziua în care ne-am întors acasă. Părinţii ne-au aşteptat nerăbdători la aeroport şi copiii s-au întors bucuroşi în sânul familiei, după o săptămână plină de experienţe, după o săptămână petrecută într-o familie pe care înainte nu o cunoşteau dar cu care vor continua să ţină legătura. Ne-am întors mai bogaţi în experienţe, în cunoştinţe, în prietenii.

*În acest timp de şase zile am învăţat că oriunde te duci în lume vei găsi şi vei vedea cultură, civilizaţie şi obiceiuri noi faţă de ţara ta. De Grecia îmi voi aduce aminte cu drag căci acolo am descoperit multă istorie, o ţară cu peisaje frumoase şi oameni minunaţi. Multumesc frumos celor care au organizat acest proiect!" Teofil*

# TOP 3 ROMANIAN INVENTORS

We present you the most known Romanian inventors who changed the world. These are a part of our children's discoveries during our documentation phase when they learned to be proud for the past and use their knowledge in the present for a brighter future.

## **The pen - 1827**

By **Petrache Poenaru**

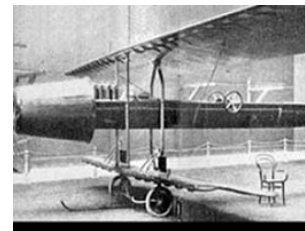
The first fountain pen that used a swan's quill as an ink reservoir.



## **World's first jet - 1910**

By **Henri Coanda**

The only exhibit without propeller on International Aeronautical Exhibition, Paris.



## **Gerovital - 1952**

By **Ana Aslan**

An anti-aging formula recognized by World Health Organization.



# *Trip to Technical Museum in Bucharest*

*The students of 4<sup>th</sup> grade, 5<sup>th</sup> grade and 6<sup>th</sup> grade with their teachers Mirela Catarama, Fejer Alexandra and Roxana Ratescu travelled on 31<sup>st</sup> April 2017 to Bucharest for visiting Technical Museum Dimitrie Leonida . They were in search of some Romanian inventions and inventors.*

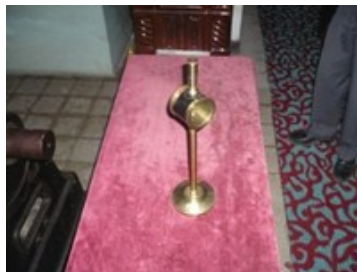
*And they found out amazing things about Romanian engineers, biologists and scientists who changed the world.*



*They discovered Persu's  
"water drop car" – the  
first aerodynamic car in  
the world and Justin  
Capra's jet pack,*



*Then they visited Grigore Antipa  
National Museum of Natural  
History for better understanding  
what diorama is.*



*There was Hurmuzescu's electroscope.  
He was the one who discovered  
dielectrina – a new type of insulation  
material based on a mixture of sulfur  
and paraffin.*



*In the museum, they also saw a miniature of the ship Belgica. The biologist  
Emil Racovita travelled on board of that ship into an expedition to  
Antarctica with an international team. He was the first biologist in the  
world who studied the arctic life.*



*Our students came home  
full of enthusiasm and  
amazed at how the human  
mind can innovate and  
improve life.  
We are sure that they  
could be the inventors of  
tomorrow.*



# Invenții și inventatori români la Paris



În perioada 03-10 mai 2017, **Școala Gimnazială Nr 14 din Brașov** a desfășurat cea de-a doua mobilitate din cadrul proiectului Erasmus + „Eureka! Past, present and future!” în orașul luminilor, Paris. Astfel, un grup format din două cadre didactice: prof. Rătescu Roxana Elena și prof. Salcă Otilia, împreună cu patru elevi: Ledda Asia (clasa a V-a A), Țintoiu Alessandro (clasa a VI-a B), Baiu Raul (clasa a IV-a B) și Dumitrovici Claudia Amalia (clasa a VII-a C) s-a bucurat de o experiență unică la „École Saint-Victor”, din Paris, Franța.

03 mai 2017 este ziua în care a început aventura noastră extraordinară. După o călătorie de aproape 12 ore, în care am schimbat diverse mijloace de transport: microbuz, avion, autobuz, mașină, am ajuns, în sfârșit, la școală, unde am fost întâmpinați de părinții francezi, gazdele elevilor noștri.

În prima zi de activitate la „École Saint-Victor” am făcut primul tur al școlii, am asistat la orele de curs și la toate activitățile desfășurate, în intervalul orar: 08:30-17:00: am participat la discuții, am urmărit cu atenție fiecare lecție, ne-am jucat, am schimbat impresii și am descoperit tainele sistemului de învățământ francez.



Cea de-a doua zi a fost plină de emoții, dar și de entuziasm și bucurie. Alături de grupurile de elevi și cadre didactice din celelalte țări partenere ale proiectului: Scoția, Grecia și Italia, am urmărit spectacolul muzical, însoțit de o lansare de lampioane în curtea școlii, oferit de școala gazdă din Franța. De asemenea, echipa noastră a prezentat materialele realizate pentru această etapă: prezentările PowerPoint cu remodelările celor patru invenții: primul aeroplan al lui Traian Vuia, avionul cu reacție al lui Henry Coandă, efectul Coandă și prima mașină aerodinamică a lui Aurel Persu.

În următoarele zile am vizitat faimoasele obiective turistice din Paris, câteva dintre monumentele istorice și tehnice, corelate cu obiectivele științifice ale proiectului nostru: Muzeul „Arts et métiers”, Muzeul Louvre, ne-am plimbat cu „Bateaux Mouches” pe Sena, am admirat frumusețea legendară a orașului din Roată, am escaladat cele 637 de trepte ale Turnului Eiffel, am cutreierat pe „Champs-Elysees” până la Arcul de Triumf.

Experiența noastră pariziană s-a încheiat cu o vizită la Giverny, unde ne-am delectat cu un picnic și o vizită la casa și grădinile faimosului pictor Claude Monet, într-o atmosferă feerică, plină de flori, liniște și culoare.



# ERASMUS + PROJECT

## PHASE II: REMODELLING

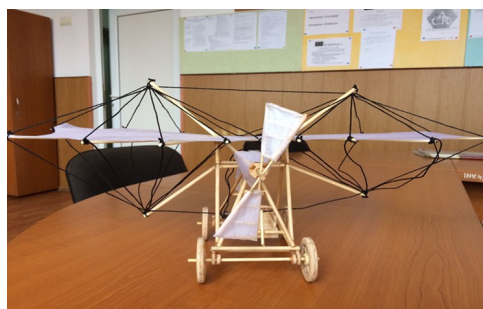
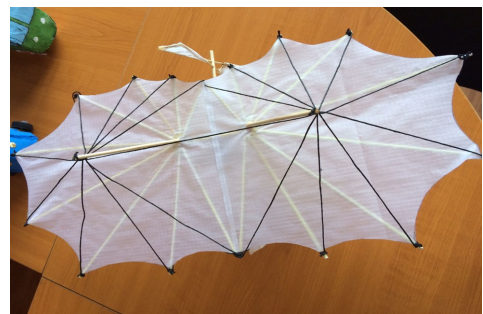
The second phase on our Erasmus + project **Eureka! Past, present and future!** provided opportunities for children to design and manufacture an Romanian invention.

We present you our students and their work.

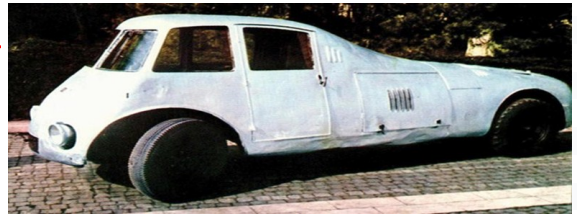
Ledda Asia is passionate about flying. That's why she have chosen to present Traian Vuia's first self propelled flight.

He succeeded the first flight with a device heavier than the air and propelled itself into the air by its own strength. There were others who flew before Vuia, but they used various assistants such as: ramps or pulled into the air by other vehicles.

Asia worked so passionately and she has succeed a wonderful and precise work.

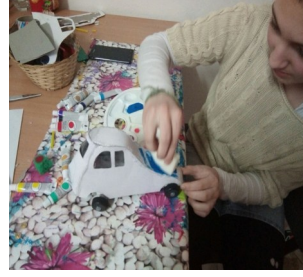
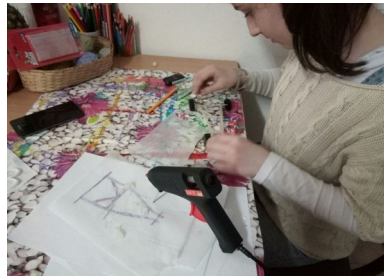
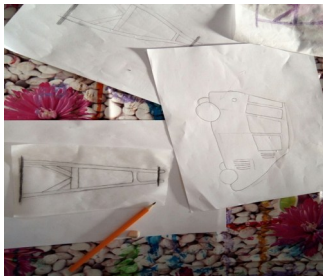


Dumitrovici Claudia have chosen to remodel Aurel Persu's "drop car" because she want to reemphasize to all „the drop car”.



Although, Aurel Persu was not the first to invent a car, he was the first who changed the aerodynamics creating a teardrop-shaped car.

Claudia tried to remodel accurately and in detail each component of the original machine with handy materials.

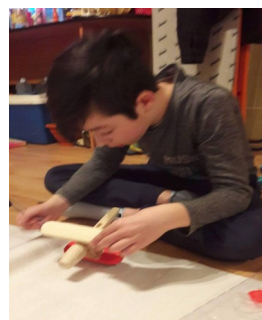
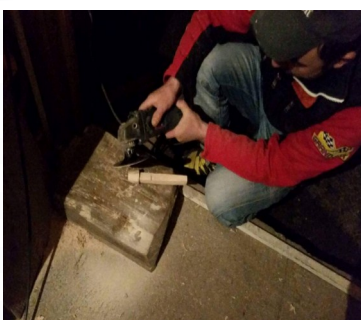


Tintoiu Alessandro wanted to remind the Romanians and the world that we have always been a nation of inventors.



Coanda is one of the aerodynamics pioneers we should pay tribute to being able to fly today. That's why he has chosen to remodel Henri Coanda's first aircraft in the world without propeller.

Alessandro worked carefully in wood to have a similar product with the original one.



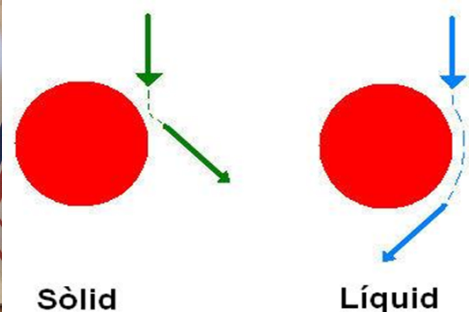
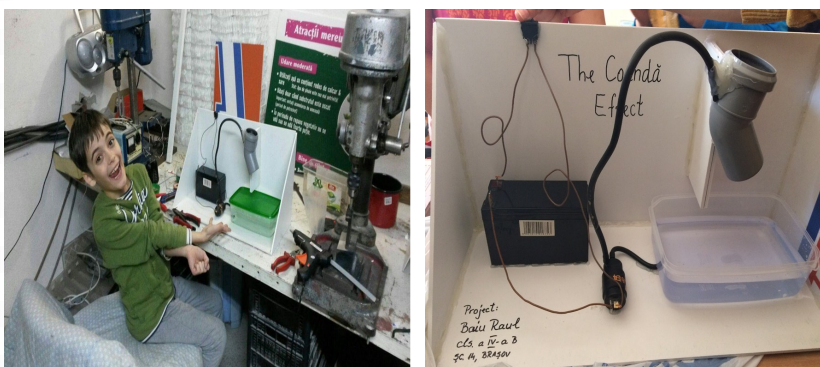
Henri Coanda also observed a simple phenomenon: watching the water jet in the shower come in contact with a solid curved object, he noticed that the water jet tended to adhere to the object and follow the direction of the curve.

This phenomenon was breveted as "The Coandă Effect" and it was the foundation that led to the invention of the turbo reactor.

Raul Baiu made a project to reflect this phenomenon.



And we can see he wonderfully succeed!



We are happy to see our students so interested in discovering the past, applying in the present what they learned and we hope to see them becoming inventors in the future.



**GREECE**



Erasmus+

## Aristotelio College

private educational institution



**Aristotelio College** participates in European educational programmes, invests in New Technologies and functions as a laboratory of generating ideas and innovative approaches, aims to create responsible and active citizens and contributes to quality education. It is a school open to the local and wider community.

Since 1980, it has been operating under the name «**Aristotelio College**» in idyllic natural surroundings



## In the area of Pilea



It includes:

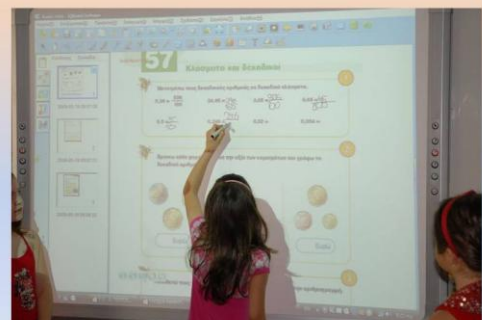
Nursery



Kindergarten



Primary School,  
grades one ...



... to six

## In the area of Thermi



Junior High School



Senior High School

# EUREKA! Past, Present and Future!

Aristotelio College, together with four other schools from Europe, takes part in the European programme **Erasmus+ Key Action 2 Strategic Partnerships for Schools Only/ «Co-operation for Innovation and the Exchange of Good Practices»**, with the project

**EUREKA! Past, Present and Future!**,  
ref. number 2016-1-UK01-KA219-024237\_2

ΑΡΙΣΤΟΤΕΛΕΙΟ ΚΟΛΛΕΓΙΟ  
ΠΑΙΔΑΓΩΓΙΚΟ ΣΤΑΘΜΟΣ - ΝΗΠΙΑΓΩΓΕΙΟ ΔΗΜΟΤΙΚΟ-ΓΥΜΝΑΣΙΟ-ΛΥΚΕΙΟ

The school took its name from  
**Aristotle, the great Greek philosopher**

"educating  
the mind  
without  
educating  
the heart  
is no education  
at all",  
- Aristotle

"It is the mark of an  
educated mind to be  
able to entertain  
a thought  
without  
accepting it."  
Aristotle

The school uses  
the most  
modern  
pedagogical  
methods and  
the full range  
of Information  
Technology



Our approach to  
education is  
based on the  
assumption that  
education should  
aim at helping  
students form a  
complete and  
integral  
personality

We promote critical thinking and  
creative initiative



Social development of child



Emotional intelligence  
communicative skills and collaboration



High moral values and ideals  
volunteering and humanitarianism



Fair play, social justice  
diversity and tolerance



## Objectives of the «Eureka!» project in accord with Aristotelio College principles

- To increase participants' sense of initiative and entrepreneurship
- To increase competence in foreign languages
- To increase the level of participants' digital competence
- To provide the opportunity to research, design, create, manufacture and present an invention
- To foster greater understanding to linguistic and cultural diversity
- To foster a more positive attitude towards the European Project

# MULTI-CULTURAL EDUCATION



## Erasmus+

**Aristotelio College**  
a modern European school!



Το **Αριστοτέλειο Κολλέγιο Δημοτικό**, με υπεύθυνη καθηγήτρια τη Ms. Georgia Safouri, συμμετέχει φέτος ως εταίρος στο Ευρωπαϊκό πρόγραμμα **Erasmus+**, Δράση KA2 Στρατηγικές Συμπράξεις αποκλειστικά μεταξύ σχολείων, Τομέας Σχολικής Εκπαίδευσης /«Συνεργασία για την καινοτομία και την ανταλλαγή καλών πρακτικών», με τη σύμπραξη

**«EUREKA! Past, Present and Future!»**



Συντονιστής του σχεδίου είναι το σχολείο **Craigclowan Preparatory School** στο Perth της Σκωτίας. Τα υπόλοιπα σχολεία - εταίροι της σύμπραξης είναι: **Ecole Saint Victor** στο Paris της Γαλλίας, **Istituto Comprensivo Verbania Pallanza** στη Verbania της Ιταλίας, **Scoala Gimnaziala nr.14** στο Braşov της Ρουμανίας.

Το σχέδιο δράσης **«EUREKA! Past, Present and Future!»** (09/2016 – 11/2018) έχει σκοπό να εμπνεύσει τους νέους ανθρώπους να σκεφτούν, να σχεδιάσουν και να δημιουργήσουν, και να τους βοηθήσει να δουν ότι με ομαδική εργασία, σκληρή δουλειά υπό τη σωστή ηγεσία μπορεί να είναι αυτοί η επόμενη γενιά των **εφευρετών!**



Ο βασικός στόχος αυτού του έργου είναι να παρέχει στους νέους τις δεξιότητες αλλά και την ευκαιρία να αναπτύξουν την αίσθηση της πρωτοβουλίας, την αγάπη για το **έρευνᾶν και το ἐπιχειρεῖν**. Παράλληλα οι μικροί μας μαθητές, θα βελτιώσουν τις ικανότητές τους στις ξένες γλώσσες και τις Νέες Τεχνολογίες και θα κατανοήσουν τη γλωσσική και πολιτιστική πολυμορφία. Εν τέλει θα προικιστούν με ένα σύνολο δια βίου δεξιοτήτων που θα ενισχύσουν το ρόλο τους ως Ευρωπαίοι πολίτες και ως μελλοντικά πολύτιμα μέλη της αγοράς εργασίας. Ελπίζουμε κι εμείς να αναφωνήσουν οι μικροί μας μαθητές, ωσάν τον Αρχιμήδη,

**Εὕρηκα- Εὕρηκα!**

**Πρώτος σταθμός: Σκωτία, μήνας Δεκέμβριος**  
**Σχολείο: Craigclowan Preparatory School**



Διακρατική συνάντηση· συμμετέχοντες, εκπαιδευτικοί από την κάθε χώρα (Ελλάδα, Σκωτία, Γαλλία, Ιταλία, Ρουμανία)· αντικείμενο, ο σχεδιασμός του πλάνου του προγράμματος.

Η δράση **Erasmus+** ανοίγει νέες πόρτες προς την Ευρώπη, για τους εκπαιδευτικούς και για τους μαθητές, δίνοντάς τους την ευκαιρία να μάθουν για πολιτισμούς άλλων λαών, να αντιπαραβάλουν εκπαιδευτικά συστήματα, να ανταλλάξουν ορθές πρακτικές.





Erasmus+



## Visiting the Temporary Exhibition «IDEA - Ancient Greek Science and Technology» at Thessaloniki Science Centre and Technology Museum



The **«EUREKA! Past, Present and Future!»** project proposes to foster entrepreneurship, from an early age, and the idea that anyone has the capability of being an inventor. It aims to inspire young people, build on their sense of initiative and to show them that through team work, cooperation, hard work and good leadership, they will be the next generation of inventors.



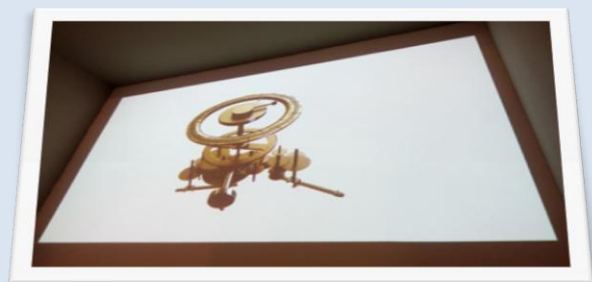
In **February 2017**, during the first phase of the project «EUREKA! Past, Present and Future!», Aristotelio College students went to **Thessaloniki Science Center and Technology Museum «NOESIS»**, where they visited the temporary exhibition **«IDEA - Ancient Greek Science and Technology»** and they had the opportunity to see and learn about technological achievements of 3000-2000 years ago and scientific fields, which have solved everyday problems and met people's, since the ancient times.



**The Automatic  
Puppet Theatre**



**The Catapult**



**The Astrolabe**

The exhibition **«IDEA – Ancient Greek Science and Technology»** displays the advancement of Greek thought which created many scientific fields, while at the same time attained plenty of technical and technological achievements, which played a keystone role for the development of modern Western, and not only, Technological Civilization.

**Aristotelio College students, young  
Inventors, the floor is yours!**

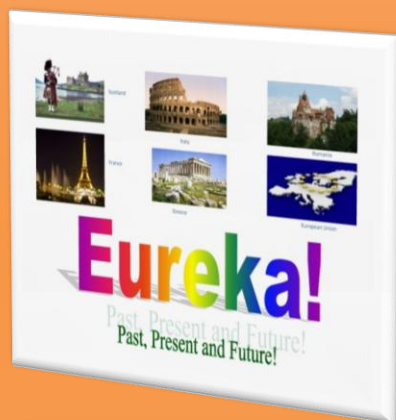
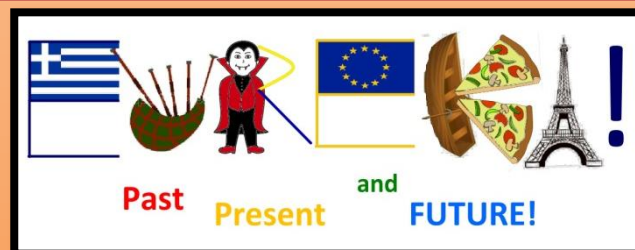


# EUREKA! Past, Present and Future!

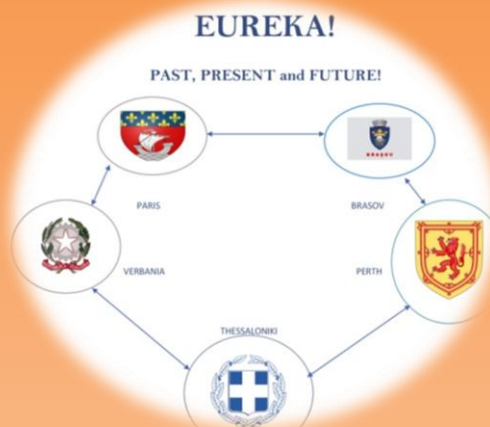
## Project Logo

Greece is responsible for designing the logo of **Eureka! Past, Present and Future!**

A competition is held and the winner logo is finally decided on at the Learning Activity in Greece, by Greek and Erasmus students!



... and the winner LOGO is





## Greek Inventors and Inventions

The first phase of the “Eureka!” project has begun: The research into our own country's past Inventors and Inventions.

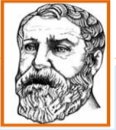
### About the Invention

- The Mobile Automaton is today's Puppet Theatre.
- It was invented to entertain people and to teach them a lesson.
- The first theatre had 5 scenes.
- Heron (or Hero) of Alexandria invented it.
- It was invented in the 1<sup>st</sup> century B.C.



Aristotelio College students work hard and produce factsheets in Greek and presentations in English on **Greek Inventors and their Inventions**. The objective of this activity is to make up one **multi-lingual and multi-cultural e-book** on the past inventions of the five countries involved.

### About the Inventor



- He was born in Alexandria in 10 B.C.
- His name was Heron of Alexandria.
- He also invented Heron's Formula and the Aeolipile (today's steam engine).
- He invented theories in Maths and Geometry and made improvements in Algebra.
- He died at the age of 65.

Archytas invented, in around 400-300 BC, a steam-powered flying device, the flying pigeon! And of course it was the first robot in ancient history!!



And why a bird? Couldn't he transfer his idea into a humanoid robot?

He crafted a bird to study the way in which they fly!



The invention of the Catapult



Archimedes invented the catapult to use it as a weapon against the enemy.

It was an ancient war system which launched rocks and timber, over a great distance against moored enemy ships.

A short **theatrical play** was inspired by the Eureka project and based on the idea that all Greek inventors were philosophers. The past and the present is brought together: Aristotle, the Great philosopher conducts a lesson to a modern-time student about ancient **Greek inventors, who were all philosophers**. Among the philosophers are Archytas, Plato, Ptolemy, Philo, Heron, Pythagoras, Periander, Anaximander and even, Aristotle's greatest student Alexander the Great, who **owes his being to his parents but his well-being to his teacher**. Modern Western Civilization owes so much to the Greeks, says Archimedes in the play, while a half-naked Archimedes comes out of his bathtub shouting “**Eureka! Eureka!**”, having found the way to measure the purity of a golden crown.

### One of his achievements



In his quest to find out the purity of the crown of the king, Archimedes discovered that objects, put in water, will displace water.

The amount of the displaced water will be equal to the difference between the weight of the object out of and in the water.

Once he made this discovery, he jumped out of the bathtub, shouting,

**“Eureka! Eureka!”**



## TRIP TO GREECE

First learning Activity, 11-19 March 2017



From a boat trip on Thermaikos bay, to Axios Delta National Park, to Vergina Macedonian tombs, to Mieza and Aristotle School, to Aristotelio College school, to Thessaloniki tour, to Circus tricks, to snowy mount Olympus, home of the gods and Dion archaeological site, to swimming in the sea - we did everything that week! And you were the best partners-companions on this journey towards Invention, towards

“EUREKA!” Thank you, all!

Day 1, At **Axios Delta National Park** with our Scots and Romanian partners

Home of 300 species of birds, endangered included, such as the Glossy Ibis, the Avocet, the Pygmy Cormorant, the Dalmatian and Mediterranean Gull. The riparian forest is home for one of the greatest mixed bird colonies in Greece and Europe. Our wetland guide was Alexander Gasios, forester-environmentalist, while environmentalist Eva Katrana filled us in with interesting information at Axios Management Agency.



Day 2, at **Aristotelio College, Thessaloniki, Greece**, host school of the first learning activity



Students presented their research work to each other and teachers. The Greek students presented the logo design, which they had been responsible for. Finally, Greek students enacted a short **theatrical play**, inspired by our project Eureka and based on the idea that all Greek inventors were philosophers. The past and the present is brought together: Aristotle, the Great philosopher conducts a lesson to a modern-time student about ancient Greek inventors, who were all philosophers. Among the philosophers were Archytas,

Plato, Ptolemy, Philo, Heron, Pythagoras, Periander, Anaximander and even, Aristotle's greatest student Alexander the Great, who owes his being to his parents but his well-being to his teacher. Ancient Greek inventions were the predecessors of Modern Western technology. Modern Western Civilization owes so much to the Greeks, says Archimedes in the play, while a half-naked Archimedes comes out of his bathtub shouting "Eureka! Eureka!", having found the way to measure the purity of a gold crown. At the end of this educational and humorous theatrical play, students/philosophers danced in front of our partner teachers and students the Zorba dance, and invited everyone to dance with them!



Day 3, at the city of Vergina and at Aristotle School at Mieza



We first visited the museum at **Vergina** where the tombs of the kings of Macedonia were unearthed, including the tomb of Phillip II, Great Alexander's father.

We then went to **Mieza**, where philosopher Aristotle taught the boy Alexander the Great at the well-known Aristotle school, where the natural

surroundings gave food for thought for Aristotle and his disciples. Our wonderful guide-archaeologist, Maria Girtzi, took us back in time and we followed her, as if we were her own disciples, in our quest for knowledge.



Day 4, on a tour round Thessaloniki



We had a tour of the White Tower, the city emblem on the waterfront and next climbed up the Byzantine Castles, which formed part of the city wall in war times. We were guided through the Archaeological museum and saw unique masterpieces of ancient Greek art dating from prehistoric times to late antiquity. We passed by important churches, like St. Sofia and Rotunda behind the triumphant Arch of Galerius and finally the church of Thessaloniki's patron Saint, St. Demetrius, where our

amazing tour guide, Maria Girtzi took us through the catacombs, and reenacted the story of our patron Saint. At the end of a busy morning, we walked through the Roman Forum and ended up in Aristotelous Square.

Day 4, in the evening, at **Paramuthupoli**, with the “**Kirko**” collective-  
*Circus for all*

We had fun while practising Trapeze, Aerial Hoop, Aerial Silks and Aerial Rope, guided by experienced artists of the “Kirko” collective and made feel at home by our great hostess, Marina Polymeridou, owner of the bookstore.



Day 5, at the archaeological site of **Dion** and mount **Olympus**



Guided by Maria Girtzi, we visited the little town of Dion, the official religious centre of the Macedonians in the 5<sup>th</sup> century B.C., where Alexander the Great offered splendid sacrifices at the sanctuary of Olympian Zeus before embarking on his Asian campaign. Then we drove to mount **Olympus**, where we went hiking and exploring, up the snowy path, under the awesome blue Greek sky, in search of the Gods of Greek mythology!

Day 6, at the **beach**

Guided by... our own instinct, we enjoyed a lovely meal on the beach, where under the awesome blue Greek sky and in the bright sunshine, **Eureka!** was engraved on the sand and some brave Erasmus kids had a dive in the cold sea!



It's been such an exciting

experience for everybody!  
Two of the aims of this project have been achieved:  
We have come

to know the Greek Inventors, who were all philosophers, the greatest being Aristotle, whom our school was named after, and we have made real friends around Europe, the future global Inventors, bff we hope!



**SEE YOU ALL SOON!**



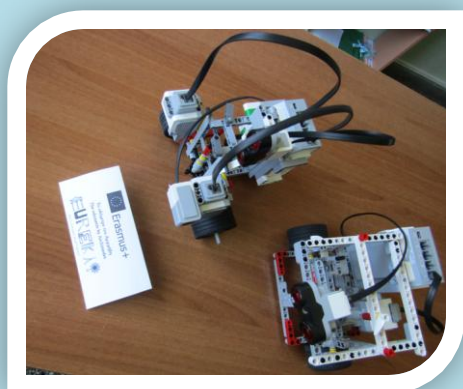
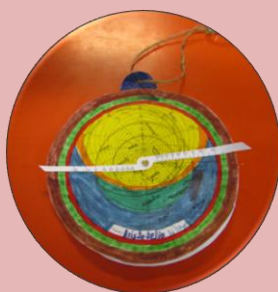
## Model Making of past Greek Inventions Arts & Crafts and Robotics Workshops

Aristotelio College students collaborate and have fun while making model replicas of ancient Greek inventions, which they researched into in the first phase of the project.



The models are going to be presented by the students who are travelling to Paris in May 2017.

With simple materials, like clay, cardboard, cardboard boxes, paper, acetate, tongue depressors, crayons, our young students are creating replicas of ancient inventions, from Pythagoras' cup to the automatic puppet theatre and cinema by Heron, Archimedes' catapult, Anaximander's maps, Ptolemy's astrolabe and world map, to modern World Maps.

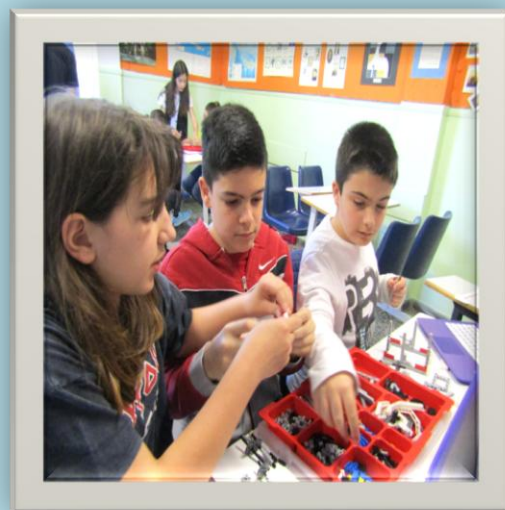
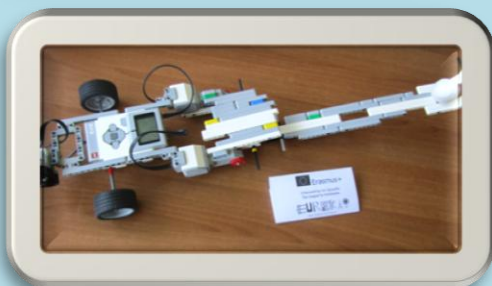


In Robotics workshops Aristotelio College students work on Science and Technology and construct robots which are replicas of ancient Greek automata.

Archimedes' catapult throws stones, with a simple waving in front of a sensor, while clapping or hooraying sounds signal the success of the action.

The odometre, by Archimedes, walks and counts centimetres, stops in front of obstacles, claps, talks!

This is the education of the future, this is the modern school, which gives multiple stimuli to the students and moulds imaginative people, the **next generation of inventors!**



## Aristotelio College travels to Paris, 4-9 May 2017



In the framework of the **Erasmus+** programme **Eureka! Past, Present and Future!**, five students and two teachers, Ms Georgia Safouri and Ms Iosifina Katoflidou, from Aristotelio College travel to Paris, the capital of France, on a six-day trip, to present their work on the model making of ancient Greek Inventions and share it with our partners from Scotland, France, Italy and Romania.

### The Chronicle



#### May 4: Day 1

Greek team arrives in Paris. They visit Ecole Saint Victor, the host school and have a relaxing fun day, on the stilts! In the evening, students return to host families, while Greek teachers walk around Paris, view Pantheon and walk down towards Notre Dame.



#### May 5: Day 2



Erasmus partners receive a warm welcome by the host school, teachers and students. The French students give a musical recital to honour our visit and launch hot air balloons in their yard- we have a fun time at Ecole Saint Victor!



Students present their Greek inventions: With of ancient inventions, puppet theatre and Anaximander's maps, modern World Maps. catapult throws stones distances.



work on the model making of ancient simple materials we have created replicas from Pythagoras' cup to the automatic cinema by Heron, Archimedes' catapult, Ptolemy's astrolabe and world map, to We have also made robots: Archimedes' and the odometre walks and counts

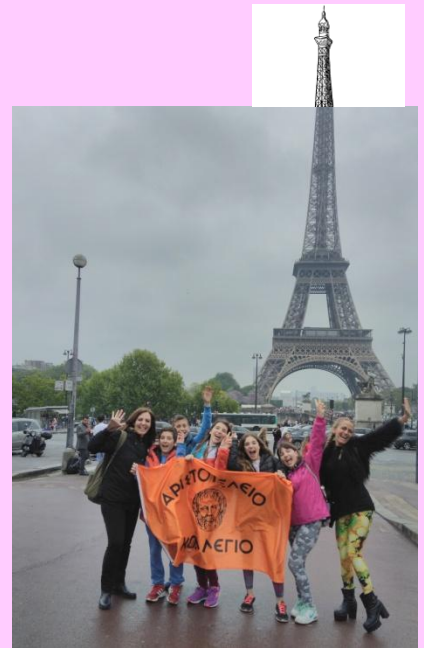


We already feel as if we are the **next generation of inventors!**  
After work students have fun swimming at the local swimming pool.

### May 6: Day 3



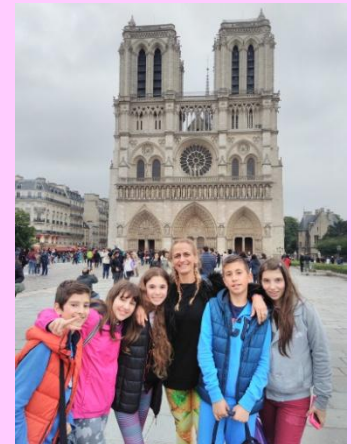
The Erasmus teams go to the Arts et Metiers Museum. From Foucault's pendulum to Bleriot's plane, the students follow in the footsteps of inventors and pioneers, hoping to become themselves inventors one day! We then go up the Eiffel Tower, an invention, a landmark, a world symbol.



We see the Trocadero, we shop at avenue Champs Elysees, we go through the Arc de Triomph,



and for the perfect ending of a perfect day, we attend the service and pray to Virgin Mary in Notre Dame.



### May 7: Day 4



At the Louvre: the Greek team admires Niki of Samothraki, Aphrodite of Milos, Mona Lisa, Egyptian sculptures, Italian paintings and sees how Greek sculptors invented and spread the use of symmetry in the body form of statues. We finally see the awesome Pyramids of the Louvre.

We then go up the Big Wheel and enjoy the view of Paris from above!



We see the square de la Concorde with the Egyptian obelisk, the Eiffel Tower and the Tuileries Gardens!



We eat le barber a papa, we visit Pantheon, we walk to Opera Garnier.



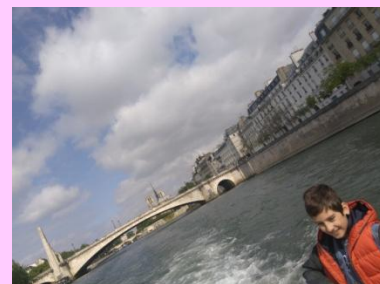
### May 8: Day 5



The Erasmus teachers and students take the bateau mouche and enjoy the view of the whole Paris by the Seine! Welcome on board! We take photos of the Louvre, the Royal

Bridge, the Eiffel Tower, Alexander III Bridge, the Wheel, the American Church, the National Assembly. The Notre Dame stands awesome at the heart of Paris by the Seine! Back on land!

We head for Monmartre and walk up the stairs to Sacre Coeur. We wander around the narrow streets, meet street artists and have our portraits made.

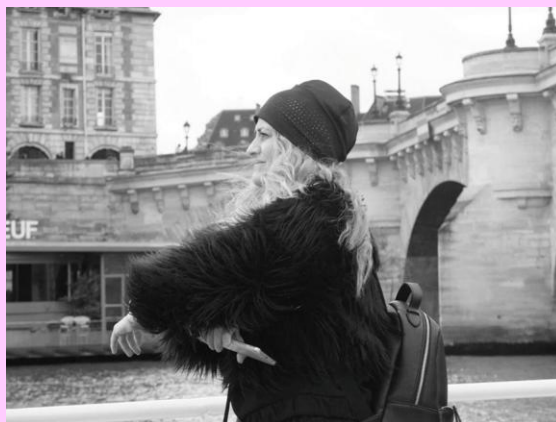


### May 9: Day 6

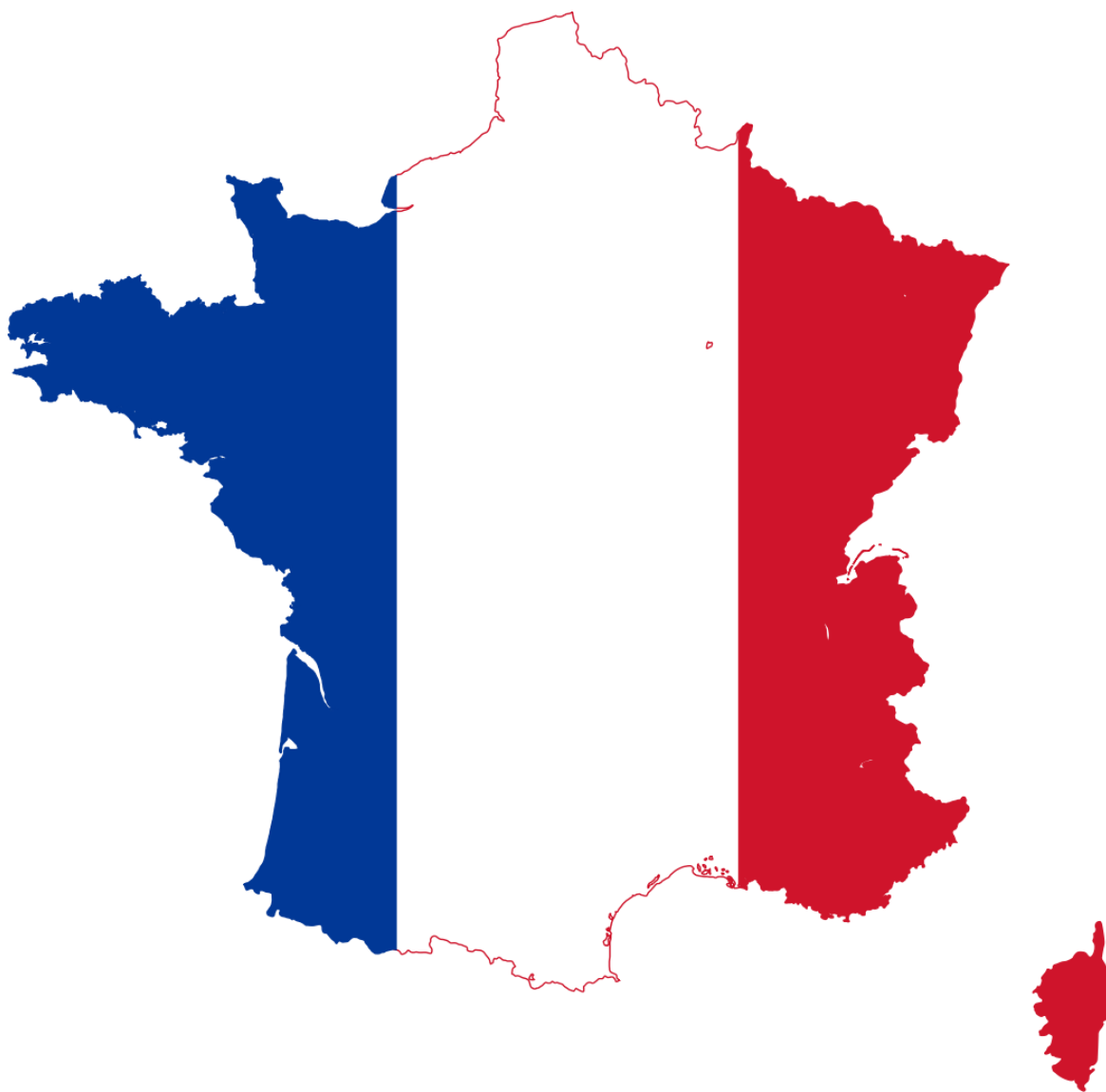


We are in Paris – a dream has come true. But it's over!

Departure of the Greek team - catching a last glimpse of the City of Lights!



PARIS, A BIENTOT!!



**FRANCE**

**L'école Saint Victor  
s'inscrit depuis la  
rentrée 2016 dans un  
projet Erasmus avec  
quatre autres  
partenaires :**

***Saint Victor School  
takes part since  
September 2016 in a  
European program  
together with four  
other European schools:***

- **Une école écossaise : Craigholm Preparatory School, Perth**
- **Une école grecque : Aristotelio College, Thessalonique**
- **Une école italienne : Istituto Comprensivo Rina Monti Stella, Verbania**
- **Une école roumaine : Secondary School No. 14, Brasov**

**Mais qu'est-ce qui a été réalisé jusqu'alors  
et comment a-t-on communiqué concernant  
les activités menées lors de cette première  
année du projet ?**

**But what has been done until now and how  
did we communicate on the activities of  
the first year of this project?**





**But first, let's introduce ourselves!**

**Saint Victor is a private catholic school in the 5<sup>th</sup> arrondissement of Paris between Notre-Dame cathedral and the Jardin des Plantes, in the middle of the Latin Quarter.**

**Our school has one class per level from the first year of nursery school to the final year of primary school. A helping teacher can intervene in the classes according to the needs of our pupils. The small size of the school and our parents' investment gives a family atmosphere.**



**Our DNA is welcoming diversity within the school through different cultures, origins, languages, and intelligences. Our purpose is to find the answers for each profile of our pupils.**

**Diversity is also our strength to find out such answers through a team work. We count on the specific competences of each teacher, the parents' collaboration and the good willing of voluntary associations because we do believe that all together we are clever!**



**The First transnational meeting was held in Perth (Scotland) from October the 9<sup>th</sup> to October the 13<sup>th</sup> 2016.**

**Our headmaster wrote a letter to all the parents to report her journey with Ruth Skitt, an English teacher from the “Bus Bilingue” association that works in partnership with Saint Victor. She also presented the aims of the Erasmus project.**

-  
Je me suis rendue en Ecosse avec Ruth Skitt, professeur au «Bus Bilingue». Il a fait beau, «sunny as usual!».

Nous sommes toujours très bien reçus à Craigclowan, école avec laquelle nous avons déjà partagé 2 projets : <http://craigclowan-school.co.uk>. C'est une école privée catholique de 230 élèves de 3 à 13 ans pour 25 professeurs environ, située à Perth, au nord d'Edimbourg. Les autres partenaires sont un collège public d'Italie, ville de Verbania, un collège public en Roumanie, ville de Brasov, une école privée en Grèce à Thessalonique. Le programme s'intitule « Eureka, past, present, future ». Il s'établit sur 26 mois ; il s'agit pour les professeurs de visiter les écoles, connaître les différents systèmes éducatifs et partager leurs expériences, et pour les élèves de faire des recherches sur les inventeurs et inventions de nos différents pays, puis d'imaginer quelles inventions ils pourraient construire! Ce projet vise à développer le travail d'équipe, l'expérience de la communication, la pratique des techniques numériques, le goût de l'entreprise, le sens de l'initiative et la connaissance des autres cultures et langues d'Europe. Il est déjà prévu pour 2016/2017, 2 échanges de 5 jours sur place: un du 12 au 18 mars en Grèce avec 2 professeurs et 4 élèves, sélectionnés pour présenter nos recherches, et un en mai à Paris pour montrer films et photos de quelques inventions qu'ils auront reproduites, avec mode d'emploi à partager. Il est certain que nous aurons besoin de l'aide des parents, sans doute en ateliers du samedi, ou en sous-groupes de classe, pour les recherches, les inventions à réaliser et les films et photos mais aussi pour héberger les 16 élèves(4 de chaque pays partenaire) qui visiteront Paris en mai. Nous devons installer un espace d'affichage Erasmus+, un « Erasmus Corner » afin que tous puissent visualiser l'avancée du projet.

Les inventeurs et inventions peuvent porter sur tous les domaines, et se rapporter aux programmes de sciences, ou d'histoire et géographie, ou d'éducation civique des classes : nous avons pensé aux voûtes du moyen âge, à l'eau de Javel, à la cocotte –minute, au Braille, au métier à tisser, à l'imprimerie... toute idée adaptée au programme, à l'âge ou au centres d'intérêt de chaque classe.

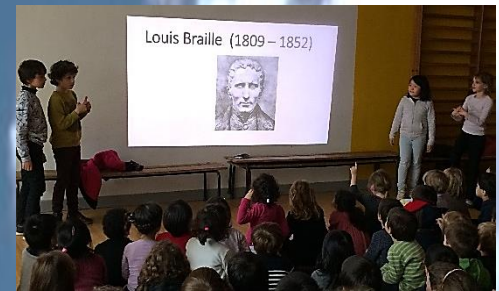


*La piste de ski synthétique et le remonte-pente présentés par les élèves en uniforme sous le fameux soleil écossais !*



# Dissemination about French inventors

In January each form made their research on French inventors and inventions. An assembly with all the pupils was then organized: two pupils of each form presented a PowerPoint presentation about the inventors and inventions in front of all the other forms gathered for the occasion. Then, posters have been made and displayed to inform the parents.



**Les MS et Little CAT**  
sont heureux de vous présenter :

**LA COCOTTE MINUTE**

Une invention de : **Denis PAPIN (1675)**

**Les CP et Miss MOUSE**  
sont heureux de vous présenter :

**LE STYLO-BILLE JETABLE**

Une invention du **Baron Marcel BICH (1950)**

**Les CE1 et Mister FROG**  
sont heureux de vous présenter :

**L'ÉCRITURE BRAILLE**

Une invention de : **Louis BRAILLE (1829)**

**Les CE2 et Mrs COW**  
sont heureux de vous présenter :

**LA MONTGOLFIÈRE**

Une invention de : **Joseph et Michel DE MONTGOLFIER (1783)**

**Les CM1 et Mister PIG**  
sont heureux de vous présenter :

**LES SÉANCES DE CINÉMA**

Une invention de : **Louis et Auguste LUMIÈRE (1895)**

The Erasmus corner display was “updated” in front of the courtyard entrance (including the flags made by nursery classes and the electric inventors’ game realized by Third Form).



**Les CM2 et Little HORSE**  
sont heureux de vous présenter :

**CHARLOT**

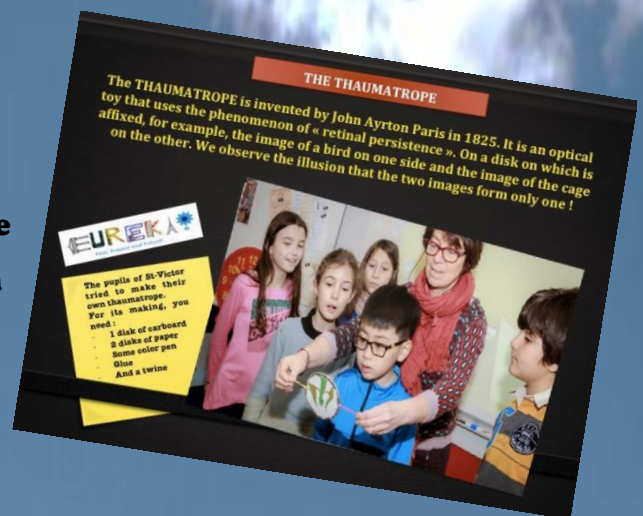
Un personnage de : **Charlie CHAPLIN (1914)**

## Dissemination about the models



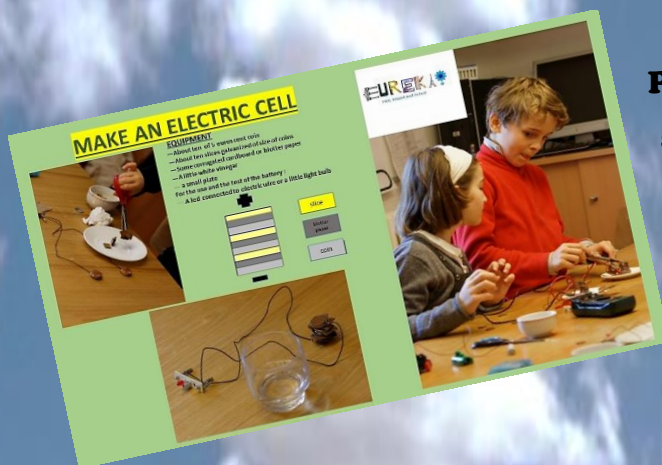
**Two Saturday workshops including pupils, teachers and parents were dedicated to make models during. Some groups were handled by teachers, other by parents.**

**During those "Ateliers du samedi" were modeled cup-and-ball games, balloon cars, hot-air balloons, lamps, parachutes, potato battery and thaumatrope.**



**Photos were taken by a "paparazzi parents squad" to illustrate the process and the fact sheets on the modelled inventions.**

**One type of each model was disposed on the erasmus corner.**





**Mrs MEZACHE and Mrs DECONINCK (4<sup>th</sup> and 5<sup>th</sup> forms Teachers), Selma DEBARY and Fabrizio DORI (Form 4 ambassadors), Raphaël FONGANG and Anne CORRIOU (Form 5 ambassadors) travelled to Thessaloniki. The whole school was daily informed through our website and the ambassadors wrote the summary of their amazing trip that they shared with all the other pupils. Here is their report:**

## **Souvenirs de Thessalonique (12 mars au 19 mars 2017)**

**par les ambassadeurs de Saint-Victor.**



Nous étions, Selma, Anne, Raphaël et Fabrizio accueillis très chaleureusement le lundi 12 mars, à l'aéroport de Thessalonique (Grèce) par une dame, pleine d'énergie et responsable du projet *Eureka Past, Present, Future* au Collège Aristotelio. Nous avons découvert l'école de George, le garçon qui accueillait Fabrizio et Raphaël dans sa famille. Nous avons passé une matinée dans une classe pour observer leur manière d'étudier (très différente de la nôtre). Puis nous avons assisté aux présentations des différentes inventions par les ambassadeurs de chaque pays participant au projet Erasmus : l'Italie, la Roumanie, l'Ecosse, la Grèce et enfin la France. Nous avons présenté en anglais les inventions sur lesquelles Saint-Victor a

mené des recherches comme le braille, la montgolfière ou bien encore le cinématographe...



Nous avons fait plein de visites : le tombeau du Roi Philippe II de Macédoine (père d'Alexandre le Grand), la Tour Blanche qui est comme la Tour Eiffel mais en plus petit, bien plus ancienne et faite de pierres blanches.

Nous sommes aussi allés dans un parc naturel (village de Dion) où il y avait les vestiges d'un théâtre (agora), des anciennes toilettes et des temples dédiés aux Dieux. Durant le séjour, nous avons essayé de parler en grec et nous avons appris notamment à dire bonjour : « Calimera » (phonétiquement).

Enfin, nous avons beaucoup joué ; Selma et Anne sont allées faire du kart (voiture miniature), Fabrizio et Raphaël sont allés pratiquer du football en salle... Ensemble nous avons été emprisonnés dans une espèce de boîte (*escape game*) de laquelle nous devons sortir en découvrant des énigmes. Nous avons participé à une initiation au cirque.

Nous nous sommes aussi régales les papilles avec toutes les spécialités grecques dont le *souvlaki* qui est de la viande en brochette grillée.

George et Elena (nos correspondants) nous ont parfaitement accueillis et nous avons passé avec leur famille une semaine inoubliable.

Merci encore à eux pour leur accueil !!

*Selma, Anne, Fabrizio et Raphaël.*



**All the activities realized by our pupils and linked to the Erasmus project have been disseminated through Google Drive and our own website to publicise and inform all interested parties**



**ÉCOLE SAINT-VICTOR DE SAINT-VICTOR**

Une école où il fait bon vivre, travailler et réussir !

**Accueil** **Projet éducatif** **Spécificités** **Vie dans l'école** **Informations pratiques** **Contacts**

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**Calendrier**

Septembre 2017

D	L	Ma	Me	J	V	S
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
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**Sous-catégories**

- Présentation des recherches inventions
- Jeu basé sur les recherches inventions
- Voyage en Grèce
- Atelier d'Inventions
- Accueil en France
- Classe sans cartable

**EUREKA**  [Voir la page Facebook du Projet](#)



<http://www.ecolesaintvictor.com/index.php/projet-educatif/erasmus/14-erasmus>

❖ **Some pictures of the Erasmus Corner:**



## Welcoming our hosts in Paris

**During our hosts' journey in Paris from May the 4<sup>th</sup> to May the 10<sup>th</sup> 2017, a dinner was organized on May the 5<sup>th</sup> within the school to introduce French flavors to our guests. All were invited, as well their host families and other officials (education rectorate and inspector, local authorities, town hall, and diocesan director) and the Parisian press, to share a few typical French dishes.**

**An article of this friendly moment was published during the summer in the 5<sup>th</sup> arrondissement's journal N°16. The article had been written by Selma Debary, one of our ambassadors in Greece!**



## Visite Erasmus à Saint Victor !

Quand les élèves des pays participant au projet « Eureka » sont venus à Paris, nous leur avons montré nos inventions : une lampe, un bilboquet, une voiture-ballon, un thaumatrope et même une montgolfière ! Pour faire honneur à nos ambassadeurs, nous avons chanté des chants grec, roumain, italien et écossais. Puis nous avons fait un lâcher de montgolfière !

Ils ont enfin été invités à un grand banquet des saveurs françaises à l'école. Quelle chance de découvrir toutes ces nationalités !

Les élèves de l'école Saint-Victor



Dîner des saveurs françaises à l'école Saint-Victor le 5 mai 2017





**ITALY**



## DISSEMINATION DOCUMENT

The project Eureka! Past , present and future has raised a real intense interest in our school and in local area. Since the first days of the year the first steps have been dealt by a team compesed by teachers connected to the project who have met regularly during the school year and as to dissemination have planned as follows:

- Meetings with families of the students groups involved to inform them about the general outlines of the project and the steps;

- Erasmus corner arranged on our website with news and photos regarding the steps of the project and mobility meetings;  
<http://www.scuolacadorna.altervista.org/component/content/article/36-english-corner/196-corner-english>

- social tools shared with partners: even if not regularly we have contributed to sharing the dissemination of work and moments of the project on etwinning and facebook

- a big dissemination event by the end of the school year to present to the local community and to parents our work. This has been the main dissemination media we have planned. It has been promoted to share the result of the main inventions studied and experimented by our students that is the Moka Bialetti, a product of the ancient industrial tradition of our local area and the music instrument Ocarina italiana which is produced and created by an artisan just in our town.

The event has taken place in Verbania on May 31<sup>st</sup> in presence of the local authorities and the main representatives of the local Industrial agencies. The event was a presentation called Inventors and inventions from around Europe and was complete

with all the materials produced by the students ( photos, videos and power point presentations with the mobility meetings in Greece and Paris). It was also meant to celebrate the collaboration and sharing of all the experiences with our partners , that's why the students told to the audience not only about their results but also about how this project is great and how all of us have appreciated the big job made by the metes from Scotland, France, Romania and Greece.

Our Headmistress introduced the general outline of the work and the students who did not participate to the mobility presented in Italian and in English all the work and the event was broadcasted in streaming and in the local television. This is the link to the video of the event published on the Youtube channel of the Industrial Agency.<https://www.youtube.com/watch?v=TccoxCgfgNo>

After the event the students received a certificate of merit from the Industrial Agency.

I has also been quoted in an article on the local newspaper and we are very proud of the interest raised also by the local general School department of the Province of Verbania.

The study work of the project had a very interesting practical part which included a Phisics experiment for the Moka research and a music laboratory where students first learned how to play ocarinas in an ensemble and then created themselves some clay ocarinas in a local lab.

### The Trips, Mobilities to Greece and France

The experiences students made during the mobility were disseminated to all the families through messages and whatsapp groups and during the Event on May 31<sup>st</sup> students commented photos and related about all the memories they had, telling about how they appreciated every single moment spent with their partners and how it contributed to their growth.

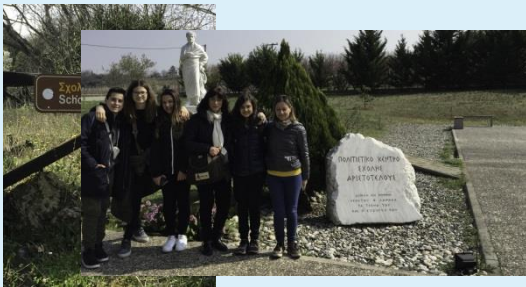


this is the group of students who participated to the trip to Greece in Thessaloniki from March 11<sup>th</sup> – 18<sup>th</sup> 2017.



our students presenting the Moka Bialetti research to partners.

It has been a wonderful cultural experience to all of us and our Greek partners and families were absolutely great!



...and this is our wonderful trip to Paris, presenting the creations of our research: ocarinas and the prototype of a moka Bialetti.

- Just some extracts from our students thoughts about the trips shared with parents through our website :

... I enjoyed my stay in Thessaloniky because it was really a great fun.

My guest family was very nice with me and they made me eat many particular foods and all of them were so delicious! I felt like home in Stravoula's house!

All the trips we had while we were touring were so cool and interesting!

It was a very nice experience for me and a big opportunity to meet new nice friends from different countries so please take note that I fell in love with Greece and I can't wait to return there....

... I thank you for the opportunity you have given me, and you have given us to come to Greece for the project "Erasmus past present future".

It was a beautiful and unforgettable experience, both from a cultural point of view but also from the point of view of entertainment.

I think that experience so I do not ever happen in life, I will never forget that week and even you.

Visit the center of Thessaloniki was beautiful, in part because that city is beautiful and also because seeing the sea is gorgeous.

The family who have stood by me, if you can say so, it's always been kind and super friendly to me.

From this experience I learned a bit 'of words that I did not know, both in English and is in greek.

You must know that even as a child, my dream was to go to Greece, and now it has come true I am so happy, visit Mount Olympus and the Macedonian empire remains was more than beautiful.

I also wanted to thank you for the gift you have given me, thank you so much !!

If there was another opportunity to go back to Greece, I would more than willingly, even I would be all my life there if I want to.

In Greece life it is the people are very kind and nice in Italy a bit 'not very different from here in Italy, in Greece.

... I think it was a beautiful, unforgettable experience, because I do some new friends and because I loved the host family.

Areti was so kind, polite and I felt like I was a member of her family, and this sensation was so good for me.

And I will keep you, the project and mostly Areti, John, and her husband in my heart. Because they do so much to me and I think, they, are angels.

.....You made this experience possible and I really had fun!

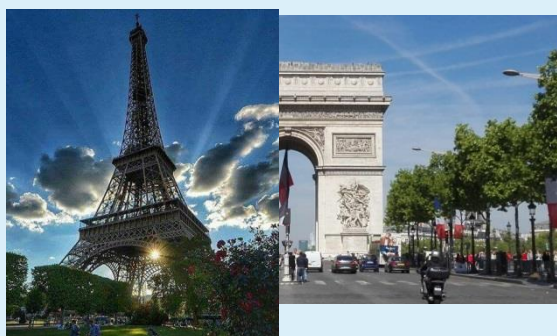
These trips were really interesting and exiting! Thanks to this project I have know other friends,and I'm chatting with them.

I was really lucky to be chosen to take part in these trips.An indescribable emotion!!! I want to do again this project.These were 7 days full of fun,new friendships and other emotions.

I tried to live as intensely as possible these emotions,really thanks for everything to you and for all the teachers who helped us achieving this project.REALLY THANKS!

And of course Paris and our wonderful partners made this trip magic! From 4<sup>th</sup> to 10<sup>th</sup> May 2017.

The trip lasted from



## **Our Journal of Paris trip**

### **Eureka Past Present Future - Erasmus a.s. 2016-2017**

#### **➤ Thursday 04 May 2017**

(Departures at 18:00 p.m. from Airport of Milan Malpensa – we are all anxious to get on the plane and to get to France)

(Finally the plane takes off in an hour late)

(Our plane is flying over the clouds and before landing we can see the Eiffel Tower, how wonderful)

(On arrival in France a boy's French parents are waiting us to drive to our host family)

(It's midnight already, I meet French family and then it's bedtime)

#### **➤ (Friday 5 May 2017)**

(We wake up early in the morning and we go to the school Ecole Saint Victor with the family for the submission of the projects)

(We reported on coffeepot and ocarina and the guy's French reported on hot-air balloon. We are all very good)

(We lunch to the school cafeteria and in the afternoon we swim in the pool and we take judo lesson)

(Than we try to fly 4 flying lantern but only one fly to the sky)

(In the evening school party all together)

➤ **(Saturday 6 May 2017)**

(In the morning we meet the erasmus group and we visit the arts and crafts museum)

(At the enter there is the staue of liberty and in to the museum There are more 3000 invention split into seven collections)

(After lunch with our family we had spent the afternoon together and I play a lesson of Capoeira , it isn' t easy)

(In the evening we go to the cinema for watch a fantasy film called Guardians of Galaxy in english)

➤ **(Sunday 7 May 2017)**

(Today we meet in front of Louvre with the other boys)

(I'm very impressed by the palace of museum with its four glass pyramid: it is very big and magnificent. The masterpieces are so many that we decide to visit the italians section)

(The most famous picture is called Gioconda by Leonardo da Vinci , it' s beautiful . We watch other pictures , some Greecks sculpture , Etruscan and Romans remains , any jewels)

(Too today we lunch with the family and in the afternoon I play with the boys Angelo and Spyros)

➤ **(Monday 8 May 2017)**

(Today appointment at the vedette of Pont Neuf)

(We sail the Senna with the boat and we see some Paris simbols (Eiffel Tower), after we visit the Orange museum where there are some pictures of Monet)

(After the lunch time we watch the Notre Dame church)

➤ **(Tuesday 9 May 2017)**

(Today we go to Monet's house; it is a sunshiny day, after 2 hours in the train we come to the graveyard where is buried Claude Monet . After we have pic-nic on the grass, and then we visit the Monets house, a tipic country hose surrounded by a garden with a lot of colorful flowers, and a small lake with waterlillies who ispired Claude Monet' s painting)

(Tomorrow its the last day in Paris and we don' t knon whether to be happy to come back to home or sad to leave Paris and the new family)

➤ **(Wednesday 10 May 2017)**

(Today it is also a sunshiny day; we say goodbye to our French friends and we go to the center of Paris where we watch the Champs Elysee and the huge Arc the Triomphe. Finally we ride on the panoramic wheel for watch from up the view of Paris, the Eiffel Tower, the Notre Dame Cathedral and Sacred Heart )

(Afer a short break we take a taxi and go to the airport Charles de Gaulle where an airplain from the Company Easyjet will take us back home)

(I'm so glad to have had this opportunity to make such an interesting experience that give me the opportunity to know lots of kids and discover a great city)



# THE JOURNEY CONTINUES.

