

*Speaking in different languages, understanding with mathematics.*

## 1<sup>st</sup> transnational project meeting

**MatLan** Learning math and languages through research and Cooperation  
2014-1-RO01-KA201-002699

### **1<sup>st</sup> transnational project meeting 29/10/14 - 31/10/14, Cluj-Napoca, Romania**

The first transnational project meeting was held in Cluj-Napoca, Romania between 29/10/14 and 31/10/14 and it was highly successful since both students and teachers met their goals. At the end of the meeting, we were able to prepare a detailed timetable for future project activities. Furthermore, both students and teachers established the communication between one another and decided on quality assurance issues. Students created the logo of the project and designed the template for the project flyer and the project poster. There were also some late afternoon and evening activities which permitted the French delegation to visit Cluj-Napoca and to learn more about the Romanian culture.



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[matlan.wordpress.com](http://matlan.wordpress.com)

### **Upcoming activities**

During the 3 day activities, exact dates regarding future meetings and exchanges of groups of students were established. Students and teachers also agreed upon dates for upcoming Scopia conferences that will focus on the research topics. The short term exchange of groups of students will take place between 26/01/15 and 02/02/2015 when twelve French students along with their designated teachers will come to Cluj-Napoca.



**We will provide more details about the first transnational meeting on the project website.**



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## Upcoming activities

### Communication structure 2014-2015

Students participating in this project will use three ways of collaborating:

-**Facebook:** There will be a Facebook group for each research topic (e.g.: one group for “La Fougere”, one for “Mancala” etc.). These groups will include all the students, Romanian and French, who work on the same topic. This way, they will be able to report on their progress and communicate throughout the project. Using Facebook, students can decide when it is the best time to video call on Skype and exchange quick messages. Teachers will be included in all the groups in order to supervise the communication between students.

-**Skype:** Whenever a group decides they have something to share with the other students they can arrange the details of a Skype conference on Facebook. Someone shall write a summary of the discussion.

-**Dropbox:** There will be 9 Dropbox folders for the 9 common research topics. In each Dropbox, the students can share their material, documents, videos or pictures. In addition, there will be another Dropbox that will contain the glossary\* of the project. The last Dropbox mentioned above can be modified by every student that finds a good word to be added in the glossary.

\*Glossary= a file resembling a dictionary that will include keywords and helpful words. There can also be unknown words (mathematical and non-mathematical) that are encountered while working on the project. (Mathematical and non-mathematical).

### Research Workshops - Timeline planning 2014-2015

**19.11.2014 - Video Conference** There will be a discussion on the first three research topics (“La fougere” 1.1, 1.2) (first half an hour), “La roue de velo” (second half)

Time: 2 p.m. – 3 p.m. (RO time)

1 p.m. – 2 p.m. (FR time)

**10.12.2014- Video Conference** research topics: Le paradoxe de Braess (3.2) (first half an hour), Mancala (3.1) (second half and hour).

Time: 2 p.m. – 3 p.m. (RO time)

1 p.m. – 2 p.m. (FR time)

**26.01.2015 – 2.02.2015** Activity C1 – face-to-face exchanges on research topics and other learning activities.

**February 2015-** Video Conference (exact dates and research topics will be established during activity C1).

**14 – 22.03.2015** – “La semaine des math et de la Francophonie” in both schools; during the week a video conference will be planned; each school will plan its specific activities (FR – Exposition Math sur la Lune, RO - Math Forum)



**26.03.2015 – 28.03.2015** Avignon Congress; CNER will try to organize the participation of 10 students in the Congress.

**May 2015** – students will finalize their research papers.





## Website

After several suggestions we have opted for two main websites that will provide us with the possibility to create our own website which will include all the information about the project. We had to choose between WordPress and Weebly. After everybody examined both sites, we came to the conclusion that Weebly is much easier to use, but WordPress is a bit more professional. They both have a limited storage, Weebly has one for individual files and WordPress has one for the site. Therefore, we let our computer science teacher choose

between the two, as she will be the one to help us with the creation of our website. We are certain that no matter what she chooses, the website will be interactive, simple and appealing for everyone who wants to have access to it.

In a very near future, the students responsible for the articles on the website will be chosen, so everyone can be more involved in this project more than just by doing their research. This way, the site will provide a great opportunity for the ones creating the articles to experience a foreign language. The latest news and important information will be quickly updated on the site.

## Dissemination

All the issues discussed during the French delegation's stay shall be shared with all the other students participating in the project. Consequently, we have decided to create posters and flyers in order to inform everyone. We worked in groups, for we wanted to be efficient, but also to have different perspectives on the task given. After analysing all the ideas we have come up with, we made a scheme of how the poster and flyer should look like. We still need some material to complete everything, but it will be done quickly.

