

# ASIA-EUROPE CLASSROOM NETWORK (AEC-NET) PROJECTS FOR 2011/2012



## PROJECT FACTSHEET

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### NAME AND CONTACT DETAILS OF PROJECT CO-ORDINATOR(S)

Ms Nataliya Andersson  
Realgymnasiet Malmö  
Sweden  
Email: nataliya.andersson@realgymnasiet.se

Ms Anna Hellström  
Realgymnasiet Malmö  
Sweden  
Email: anna.hellstrom@realgymnasiet.se

### NAME AND MAILING ADDRESS OF HIGH SCHOOL OR SECONDARY SCHOOL:

Realgymnasiet Malmö  
Carslgatan 12 C  
211 20 Malmö  
Sweden

Tel: +46-40-6913203 / +46-40-6913211  
URL: [www.realgymnasiet.se](http://www.realgymnasiet.se)

### COUNTRY:

Sweden

### PROPOSED PROJECT NAME:

Famous Mathematicians

### PROJECT DESCRIPTION / SUMMARY

The project starts off by students working in national groups (participants within their own country) and then in international groups (participants from different countries form a group) in order to learn from each other.

#### 1. Find information in national groups:

Students will investigate, within their own country, what famous mathematicians there are and describe their contribution to Mathematics. Students will present the result in a shared power point on Google docs, which all participating students and teachers are able to look at. There will be a power point with pictures of each participating country which will illustrate the countries' contribution of mathematicians and their contribution to Mathematics. When investigating within their own country they are active working within their national groups and they present their work to the other national groups by putting the information on Google.docs power point. This power point will be further developed, by the students participating within the project, investigating what famous mathematicians there are in other countries as well, that is to say to investigate and add information on what famous mathematicians there are in other countries, in Asia and Europe, not being members of this project.

The students will first work in national teams and groups and present it to other national groups via Google.doc power point in the international context.

## **2. Share and discuss information in international groups**

After working on the power point in national groups students will study the power point and while studying the power point they will make use of the chat in order to clarify information and learn from each other. The project will be finished off with a chat, where the participating students take part in international teams and answer a quiz, by using G-mail and its chattforum.

### **RATIONALE FOR THE PROJECT:**

This project is to increase the knowledge of what famous mathematicians there are and what they have contributed to mathematics. Furthermore it aims for letting students chat with people in other countries and to notice that, by doing so, they can share information and learn from others. In this sense they will experience themselves as real means of communication and make use of English in a new context.

#### **December 2011**

Everybody creates a G-mail account and pictures (empty but marked with the national flag) of the power point will be made ready to be filled in. Members start interacting via G-mail.

#### **January till February**

The power point is developed by all members by adding information from their own countries

#### **Beginning of March**

Teachers decide on what countries to add apart from the participating countries and this is done via G-mail.

#### **Latter half of March**

The power point is developed by adding countries not taking part within the project.

#### **April**

students study the power point

#### **May**

Students take part in international teams in the quiz

### **EXPECTED CONTRIBUTION FROM ASIAN SCHOOLS/STUDENTS:**

Both European and Asian schools are asked to take part to the same extent. They are to share their famous mathematicians and their contribution to Mathematics of their own country and investigate what famous mathematicians there are in Asia and Europe.

Students will study the power point and take part in the final/chat and quiz based on the power point.

Teachers are to support students in order to enable them to contribute in this way. Teachers are also to be active in order to keep in touch via G-mail, create national pictures within the power point, decide on what countries to include, besides the participating countries and to be active developing the quiz.

**EXPECTED CONTRIBUTION FROM EUROPEAN SCHOOLS/STUDENTS:**

Same as above.

**MINIMUM NUMBER OF SCHOOLS/STUDENTS INVOLVED:**

No. of Schools / Students : 3 Schools / 20 Students

Students Age Group : 15-19

Level of English : Intermediate

**PROPOSED DURATION OF PROJECT (PLEASE STATE TENTATIVE START AND END DATE):**

Duration : 6 months

Start Date : 1 December 2011

End Date : 30 May 2012

**ICT TOOLS / SOFTWARE REQUIRED:**

- Computer with internet connection
- G-mail
- Chat forums.

**ADDITIONAL RESOURCES NEEDED:**

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