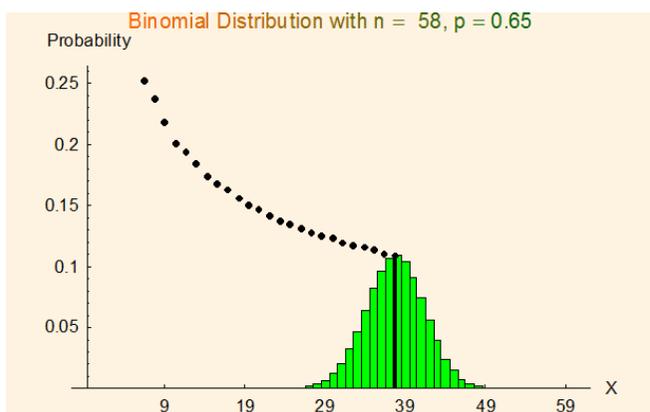


Projects:

In our project we focus on improving the mathematical competences of students by means of e-learning units.

We work with modern mathematics software and the e-learning platform Moodle, and use emails and Skype for exchanging mathematical ideas.

We have three cooperation and one final projects during the two years. We focus on applied mathematics or e-learning units.



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Software used:

Matematica and Math Desktop
Moodle



E-learning and Math Projects
for Students and Teachers
across Europe

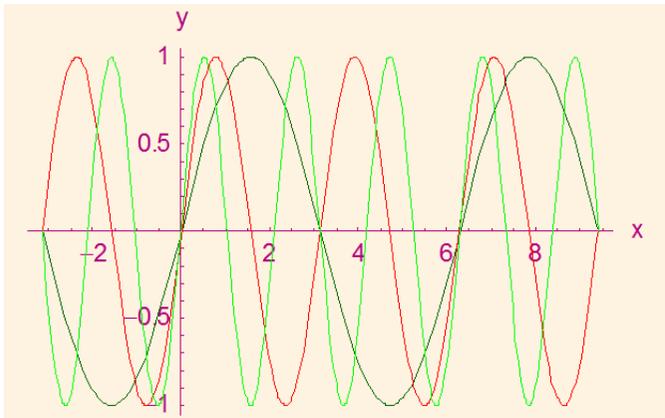


Home page of the project

Advantages:

All partners, teachers and students alike, will gain knowledge of how to work with colleagues from different countries across Europe. This will enhance understanding of citizens across Europe. The project will also increase the self-esteem in being a European citizen of those directly participating in it.

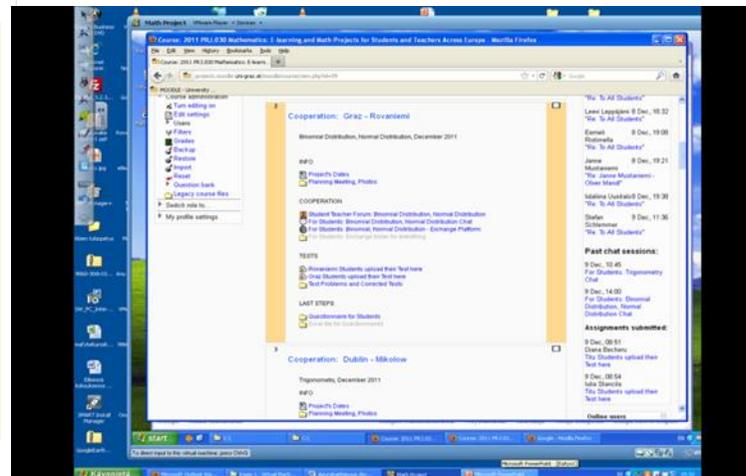
Participants will gain knowledge of how to coordinate such a European project and of how to work closely with people from different countries and cultures. In particular, participants from countries where English is not the first or working language will gain more confidence in working with others through English.



We want to increase student interest in Maths:

Modern technologies allow us the opportunity to diversify our teaching and learning approaches by including visualisations, demonstrations and exercises that are closely linked to real-life examples.

Many students feel that Maths is an abstract and overly theoretical subject that bears little relation to their lives and the world around them. The introduction of e-learning units to Maths teaching and learning through blended-learning lets students realise that Maths is an exciting and tactile subject that is much easier to appreciate and understand than they might have previously thought.



This project is likely to improve the motivation of all students directly involved in the project as contact with and travel to foreign countries may be an exciting and eye-opening experience for them. Participating students will also realise that language, including mathematical language, is important in communication with others

Test

Topic: *Binomial, Normal Distribution*
For Rovaniemi Students 25.Jän. 2012, 15.15 - 16.15 Rov. time
Examiner: Prof. Reinhard Simonovits

Student: *Leevi Leppäjärvi*

```
maxPoints = 43;  
achPoints = 0;  
achPoints  
maxPoints 100. "%"
```

(1) Binomial Distribution
Testing a bit the basics (7 P)
[Open / Close](#)

(2) Corporate Officers (9P)
[Open / Close](#)

(3) Normal Distribution
Testing a bit the basics (8 P)
[Open / Close](#)

(4) Reaction Time (13 P)
[Open / Close](#)

(5) Glucose Level (6 P)
[Open / Close](#)