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Project Partners

The European funded project Le-MATH was developed by 13 partners from 10 European countries.

Coordinating Organization:

Cyprus Mathematical Society

Partners

- Thales Foundation, Cyprus
- Charles University in Prague, Faculty of Education, Czech Republic
- Loidl-Art, Austria
- VUZF University, Bulgaria
- "CALISTRAT HOGAS" National College Piatra-Neamt, Romania
- Lyckeskolan, Sweden
- LeoLab, Spain
- Junior Mathematical Society Miskolc, Hungary
- European Office of Cyprus, Brussels Office, Belgium
- Collège Saint-Charles, France
- Institute of Communication and Computer Systems, NTUA, Greece
- Com2go, Cyprus



Welcome to the
Le-MATH project

Le-MATH: Learning mathematics through new communication factors

New methods in teaching and learning mathematics for ages 9-18 are developed with guidelines and tools available in 10 European languages.

- MATHeatre method: teaching and learning mathematics through mathematics theatre activities
- MATHFactor method: teaching and learning mathematics through mathematics communication activities.

Many pupils claim that mathematics is many times abstract and therefore non-approachable, but these new methods are using a completely different and new approach by inviting teachers and pupils to apply new communication methods in learning mathematics, which could be fun and enjoyable at the same time. The approach brings new ideas under "play and learn".

Guidelines for each method are published in printed form, in an electronic pdf book and in an electronic interactive book. The Guidelines are available to be downloaded for free at www.le-math.eu (at the link "Guidebooks 2014-2015").



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www.le-math.eu

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Call for Le-MATH Local/National Competitions organizers

Any organization/institution interested to organize a local MATHeatre or MATHFactor Competitions at city, regional or national level is welcomed to apply for becoming a local organizer (visit www.le-math.eu at the link "National Competition Organizers").

Winners of city, regional or national levels competitions, organized under a *Memorandum of Understanding* agreement, are accepted directly as finalists of the International Competitions MATHeatre Europe 2015 or MATHFactor Europe 2015.

Organization and participation at national and International competition of this type contributes to the increase of mathematics learning and teaching, language learning and communication, cooperation and networking between countries and organizations, circulation of ideas, promotion of understanding and volunteering and increase in mobility.

The competitions will be open internationally for a two-phase direct participation in the case that no local/national competition is organized. Any pupil from any country at the age 9-18 is eligible to participate, including pupils with special needs or special abilities.

Le-MATH Competitions 2015

MATHeatre Europe 2015 and MATHFactor Europe 2015

The competition will be conducted in two phases, the *Preliminary phase 1* and the *Final phase 2*.

The phase 1 competition will be open from 1st September 2014 until the 7th February 2015 and will run at two age levels, the level 1 for students of ages 9-13 and the level 2 for students of ages 14-18. The preliminary phase 1 will be conducted through the use of video recording to be uploaded over the internet via www.le-math.eu – MATHeatre Platform or MATHFactor Platform. In the case of local/national competition the phase 1 is replaced by the city, national or regional competition.

The International final phase 2 will take place during EUROMATH 2015, 25-30 March, Athens, Greece (visit www.euromath.org). During the final competition, the finalists from phase 1 will repeat their presentation in front of a live audience and jury.

Competition rules for MATHeatre:

- Each MATHeatre play should have a minimum of 2 and maximum of 10 performers of the same age group.
- All plays must be in the English language.
- Must be of interesting and correct mathematical content that can be understood by non-mathematicians.
- Minimum 5 min and maximum 12 min duration.
- Audio visual tools during the play displayed on a screen such as PowerPoint or video background is allowed.

Competition prizes for MATHeatre:

- First prize – 1000 euro for the group and individual certificates
- Second prize – gifts to be announced and individual certificates
- Third prize – gifts to be announced and individual certificates

Competition rules for MATHFactor:

- All presentations must be in the English language.
- Must be of interesting and correct mathematical content that can be understood by non-mathematicians.
- Maximum of 3 minutes duration.
- The use of audio visual tools during presentations such as PowerPoint, projectors, video, audio and other is strictly prohibited.
- Participants are allowed to use small items that they can hold in one hand. A small table (of up to 1 square meter), a microphone and microphone stand or wireless microphone will be provided.

Competition prizes for MATHFactor:

- First prize – Laptop computer and related certificate
- Second prize – gifts to be announced and related certificate
- Third prize – gifts to be announced and related certificate