

TITLE

Le-MATH Course: Learning Mathematics through new Communication Factors

OBJECTIVES

The new method of using mathematics communication activities for improving the teaching and learning of mathematics for pupils of age 9-18 will be presented and elaborated. Trainees will also have hands on experience by playing roles of pupils and roles of teachers within the training programme. Trainees will be trained how to use the materials of the course, which are the outcomes of the project Le-MATH.

TARGET AUDIENCE

- Teachers teaching mathematics in Pre-school, primary, secondary, vocational, adult, special needs
- Teacher trainers
- Inspectors
- Headteachers/principals/managers of school/organisations offering adult education
- HE academic staff
- Association, Foundation, NGO participants

DESCRIPTION

day1 Arrivals

day2 Introduction to the Le-MATH Project, aims and objectives, history. Introduction to Science and Math Communication, current trends. Presentation of the Manual of Good Practices, review and discussion. Definitions for the two methods, MATHFactor and MATHeatre. Discussion of the expected practical work and course assignment. Market Place set up for the participants and presentations of their background.

day3 Definitions for the two methods, MATHFactor and MATHeatre, continue. Presentation of the MATHFactor Guidelines and related documents. Presentation of related video. Practical work and evaluation practice. (Social Event)

day4 Presentation of the MATHeatre Guidelines and related documents. Presentation of related video. Practical work and evaluation practice. (Social Event)

day5 Preparation by participants for their assignment, either a MATHFactor presentation or a MATHeatre play with other participants. Rehearsals and practice.

day6 Rehearsals and practice continue. Presentations of course assignment. MATHFactor competition within the course group. MATHeatre competition within the course group. Peer Evaluation: Trainees take the role of jury. Awarding of certificates. Closing of the course. (Social Event)

day7 Departures

MATERIALS OF THE COURSE

Manual of scripts for MATHeatre, Manual of Good Practices – Electronic Form, MATHFactor Guide Book, MATHeatre Guide Book, Mathematical Stories for Theatre, Conference Paper publications and articles, Video examples of MATHFactor and MATHeatre, Evaluation forms and assessment sheets

Pre-course preparation: Participants will be asked to read the Guidebooks before coming to the course

COST

Accommodation in single room, food and refreshments and social events: 900 euro per trainee

Course materials, trainer's cost and technology support will be offered by the Le-MATH Project

Flights travel and other travel to the hotel place will be covered by the trainee.

For additional funding, trainees could contact through their school or organization management, the LLP National Agency of their country.

CONTACT US

For more information please contact us at info@le-math.eu or visit the project website www.le-math.eu