




Национална агенција  
за европски образовни  
програми и мобилност



## Agenda for the Training Course

“MATHDebate - the Voice of Students – Searching Excellence in Math Education through Increasing the Motivation for Learning” (project 2016-2018)

<p>“MATHDebate - the Voice of Students – Searching Excellence in Math Education through Increasing the Motivation for Learning”</p>	<p>MATHDebate Training Course</p> 
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**Objectives:** The new MATHDebate method of using mathematics communication activities for improving the teaching and learning of mathematics for pupils of age 11-15, 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 MATHDebate.

### Target Audience:

- Teachers teaching mathematics in 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

Date and Time	Action	Moderator
<b>Day 1</b>		
All day	Arrivals and meeting each other. Promote European Dimension.	
19:00 – 20:00	Meeting at the Hotel	Partnership - meeting each other
Date and Time	Action	Moderator
<b>Day 2</b>		
9:30 – 11:00	Session 1: Introduction to MATHDebate Project and method	
11:00 – 11:30	Coffee break	
11:30 – 13:00	Session 2: Survey results from Analysis of MATH teaching methodology	
13:00 – 15:00	Lunch Time	
15:00 – 16:30	Session 3: Discussion on the teaching methods used by the participants	
<i><b>Expected Learning Outcomes:</b> Develop a bigger understanding for current trends in teaching mathematics. Identify new modern methods in teaching mathematics. Specify the aims and objectives of the MATHDebate project and the history behind the project. Identify the MATHDebate method. Increased knowledge of the participants' culture and countries.</i>		
Date and Time	Action	Moderator
<b>Day 3</b>		
9:30 – 11:00	Session 4: Introduction to the e-platform operations	
11:00 – 11:30	Coffee break	
11:30 - 13:00	Session 5: E-platform operations and hands on	
13:00 - 15:00	Lunch Time	
15:00 - 16:30	Session 6: Trainees in the role of pupils	
<i><b>Expected Learning Outcomes:</b> Training IT skills in order to use MATHDebate e-platform. Practicing e-platform operations in both roles: as students and as teacher. Determine the difference of the math classes realization with or without using of the e-platform. Identify how to</i>		

<i>popularize the e-platform to the students and how to encourage them to use it.</i>		
<b>Date and Time</b>	<b>Action</b>	<b>Moderator</b>
<b>Day 4</b>		
9:30 – 11:00	Session 7: Understanding the basic steps on the MATHDebate methodology	
11:00 – 11:30	Coffee break	
11:30 – 13:00	Session 8: Choosing math topics and developing lesson plans	
13:00 – 15:00	Lunch Time	
15:00 – 16:30	Session 9: Implementing the lesson plan in the e-platform environment	
	Social event / Excursion	
<i><b>Expected Learning Outcomes:</b> Understanding the MATHDebate methodology as a student-centered methodology through the Guidebook and videos. Develop the lesson plans suitable for using to the e-platform. Elaborate one lesson with different methods on different ways. Construct debate for choosing methods and use e-platform for debate. Identify and comprehend the MATHDebate method. Discuss and define why and how to use it in the classroom.</i>		
<b>Date and Time</b>	<b>Action</b>	<b>Moderator</b>
<b>Day 5</b>		
9:30 – 11:00	Session 10: Advantages and disadvantages for the approach	
11:00 – 11:30	Coffee break	
11:30 - 13:00	Session 11: Hands on completing the lesson on the e-platform (part 1)	
13:00 - 15:00	Lunch Time	
15:00 - 16:30	Session 12: Hands on completing the lesson on the e-platform (part 2)	
<i><b>Expected Learning Outcomes:</b> Learn how to use e-platform on the classes. Identify the advantages of the MATHDebate method and application of the e-platform on math classes. Identify how to increase the students' attention and interest by using of the MATHDebate method. Practice and understand how to complete the lesson on the e-platform.</i>		
<b>Date and Time</b>	<b>Action</b>	<b>Moderator</b>

<b>Day 6</b>		
9:30 – 11:00	Session 13: Presentation and practicing by e-debate trainees (part 1)	
11:00 – 11:30	Coffee break	
11:30 - 13:00	Session 14: Presentation and practicing by e-debate trainees (part 2)	
13:00 - 15:00	Lunch Time	
15:00 - 16:30	Session 15: Feedback and evaluation. Networking and future cooperation	
<i>Expected Learning Outcomes: Learn and understand how to make surveys about the achieved students' results after MATHDebate Method's application in the classroom. Apply the tools for evaluation through practical application and understanding of evaluation.</i>		
<b>Date and Time</b>	<b>Action</b>	
<b>Day 7</b>		
All day	Departures	

### **Materials:**

Analysis of Good Practices – Electronic Form - <http://mathdebate.eu/wp-content/uploads/2017/11/book.pdf> and

MATHDebate Guidebook – Electronic Form - <http://mathdebate.eu/wpcontent/uploads/2017/11/Guidebook%20for%20MATHDebate%20Methodology.pdf> ,

Video examples of MATHDebate Method, Evaluation forms and assessment sheets.

**All materials are put and attached on the project's website [www.mathdebate.eu](http://www.mathdebate.eu) and MATHDebate e-platform.**