

Vilnius Gabriele Petkevicaite-Bite adult education centre

# Teaching maths to adults (e.g. in adult education centres)

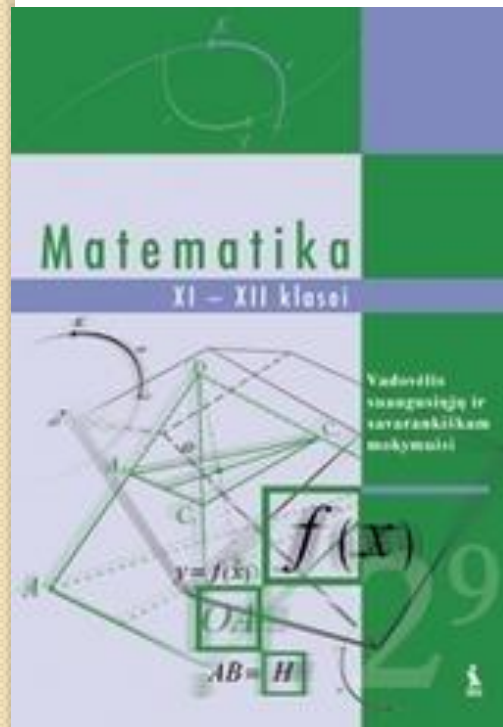
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In Vilnius city during the period of 2013-2014 school year adult education is provided by the following adult education schools and centres:

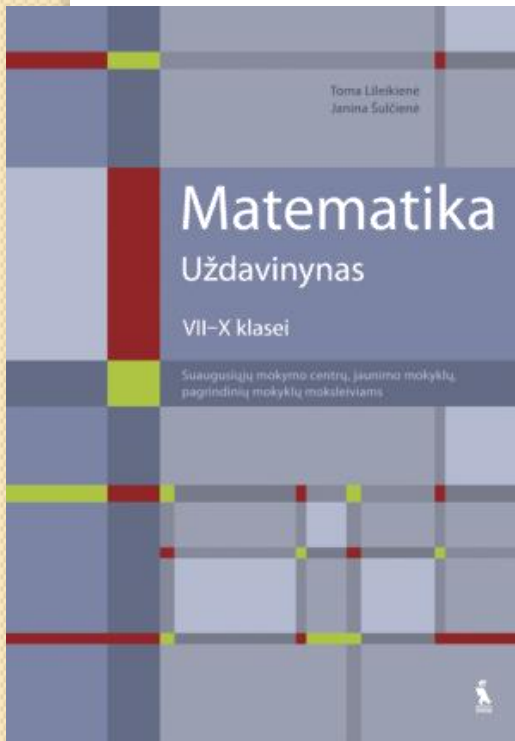
- Vilnius Gabriele Petkevicaite-Bite Adult Education Centre
- Vilnius Adult Education Centre
- Vilnius “Zidinys” adult gymnasium
- Vilnius “Varpas” adult secondary school
- Vilnius Adult Education Centre in Penitentiary Institutions

In Lithuanian adult education schools and centres maths is taught on the basis of basic education and secondary education national core curriculums. There are only a few textbooks published which are designed for teaching maths to adults.



The textbook for adult learners of the 11- 12 forms.

This textbook contains many tasks, task examples with solutions, tasks designed for self-learning.



The textbook for adult learners of the 7 - 10 forms. It contains a sufficient amount of tasks to improve task solving skills.

While working with adults, a teacher himself/herself has to prepare handouts, workbooks and task solving notes to systematize maths course and to properly apply it for adult learners.

After finishing the 10<sup>th</sup> form, students take basic education achievement maths exam. The exam rules have been constantly redesigned: for some years it was an optional exam subject or the exam results have no influence upon students' promotion to the 11<sup>th</sup> form.

Since 2010, after finishing the 12<sup>th</sup> form, students can choose to take maths state exam. Until 2010, students had a possibility to choose between maths school or maths state exam after they finish the 12<sup>th</sup> form. The new order reduced a number of students who wish to take maths state exam.

## 2013 maths state exam in Vilnius adult education schools

	Finished the 12th form	Chose to take maths state exam	Chose to take maths state exam (percentage)	
Vilnius "Zidiny's" adult gymnasium	131	5	3,8%	
Vilnius "Varpas" adult secondary school	114	2	1,7%	
Vilnius Adult Education Centre	82	5	6,1%	
Vilnius "Varpas" adult secondary school	41	1	2,4%	

## Results of 2013 state exams in schools of different types: mathematics

	I-100 (passing percentage)
Lithuania	93,53
General schools of secondary education	94,96
Vocational schools	60,73
Adult schools	50

Maths exam is chosen only by a very small number of adult school learners, the passing percentage is also lower in comparison with schools of other types.





We may come to conclusion that there are certain serious gaps in teaching maths to adults:

1. The contemporary examination system does not promote maths learning and taking exam in mathematics.
2. Adult learners, who do not have basic or secondary education, can study maths only according to national basic education and secondary education core curriculums.
3. There is no supply to study maths according to other curriculums or other forms.