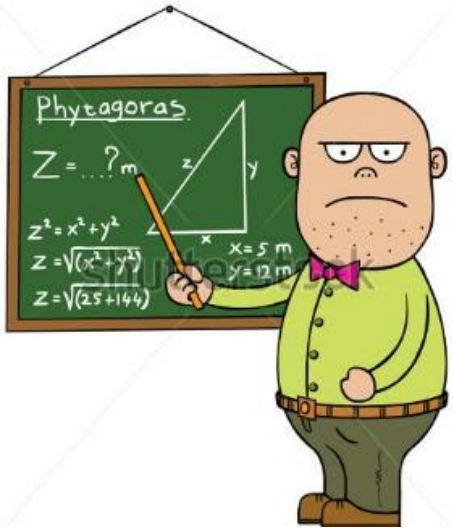
ЦЕНТЪР ЗА РАЗВИТИЕ НА ЧОВЕШКИТЕ РЕСУРСИ

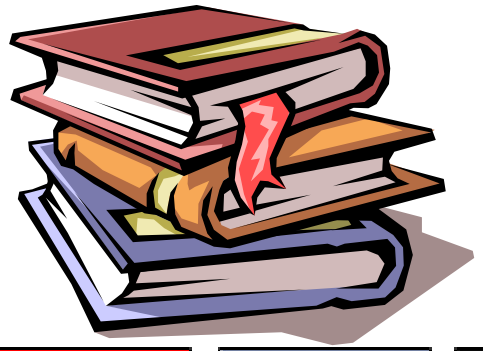
№2015-1-BG01-KA201-014198

Active, Attractive And Interactive eU Mathematics

Erasmus+

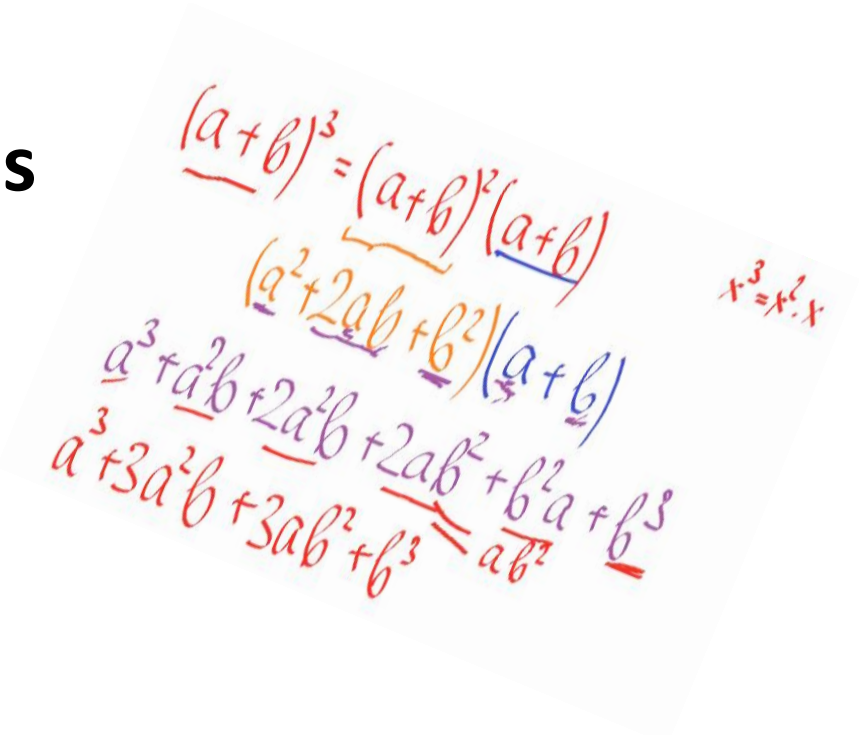


Teaching Mathematics in Sveti Sedmochislenitsi Secondary School – Targovishte, Bulgaria



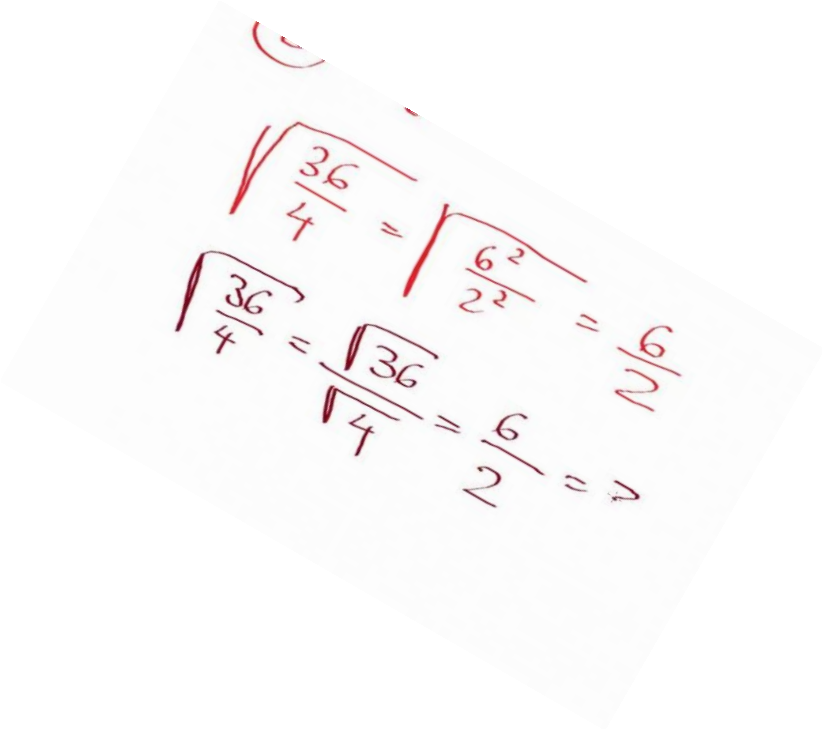
Mathematics, 7th grade
34 weeks 4 times per week

1. Basic expressions
2. Basic geometrical figures
3. Equations
4. Equilateral triangles
5. Inequality
6. Parallelogram. Trapezium



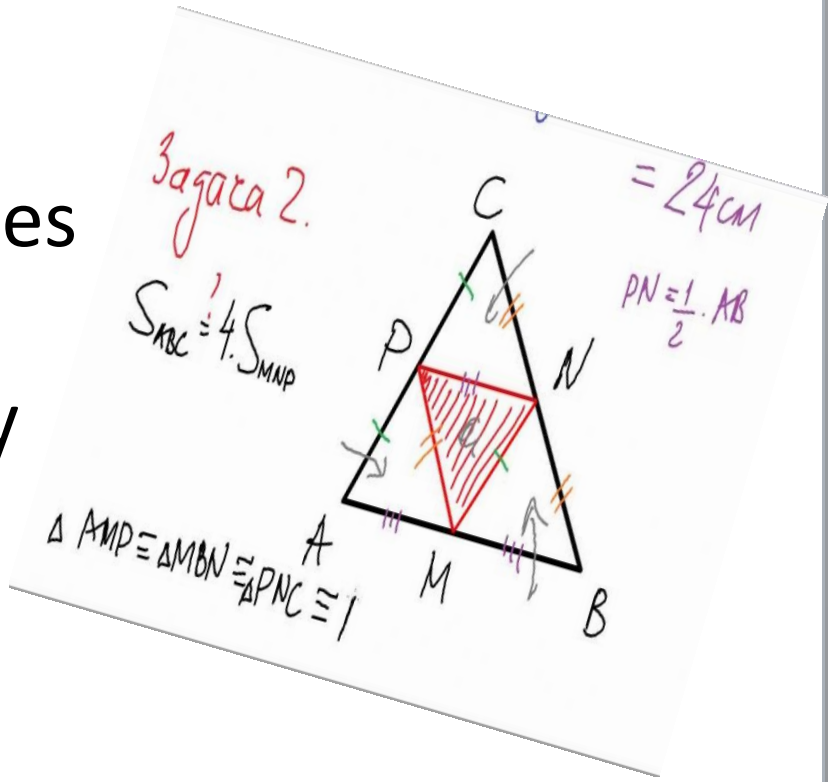
Mathematics 8 th grade
34 weeks 4 times per week

1. Square root
2. Quadratic equation
3. Vectors. Sumerian
4. Function



Mathematics 8 th grade
34 weeks 4 times per week

5. Similarity and congruence
6. System of linear equations with two unknown quantities
7. System of linear equations with one unknown quantity
8. Circle and polygon



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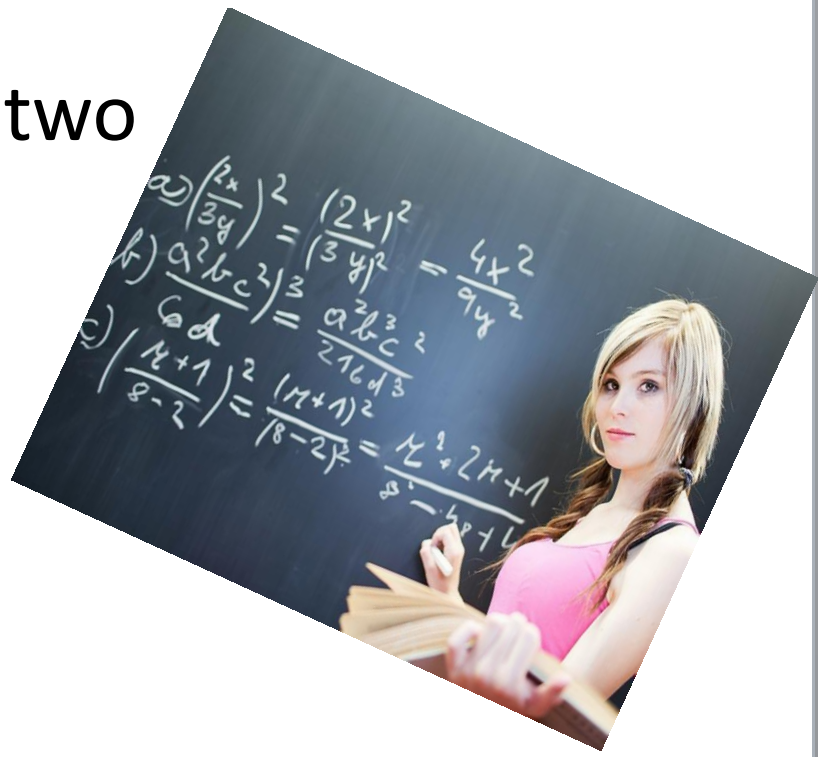
Mathematics 9 th garde PP

36 weeks x 5,5 times(classes) = 198 times(classes)

1. Rational expressions.
2. Rational equations.
3. System of equations with two unknown quantities.
4. Polynomial of variable quantity.
5. Irrational expressions.
6. Similarity.
7. Right-angled triangle.



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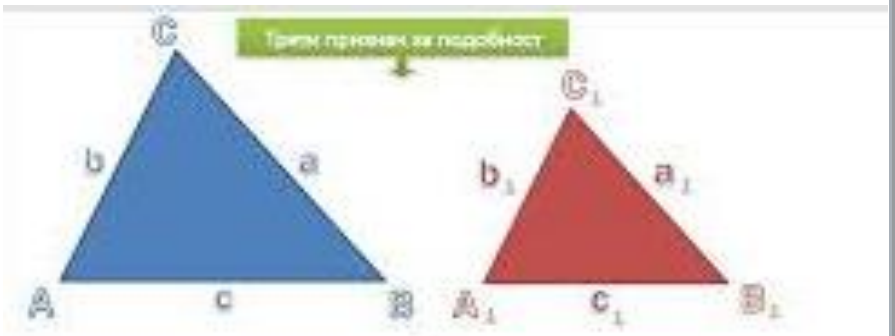
Mathematics 9th grade

36 weeks x 3 times(clsses) = 108 times(clsses)

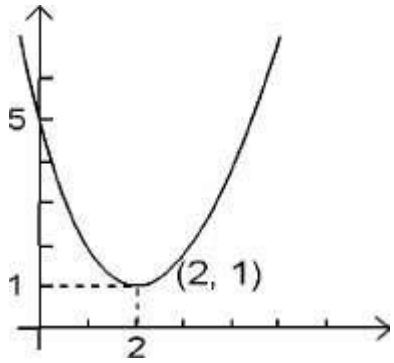
1. Rational expressions. Rational equations.
2. System of equations with two unknown quantities .
3. Irrational expressions.
4. Similarity.
5. Right-angled triangle.



Mathematics 10 th grade - PP

36 weeks x 6 times(clsses) = 216 times(clsses)

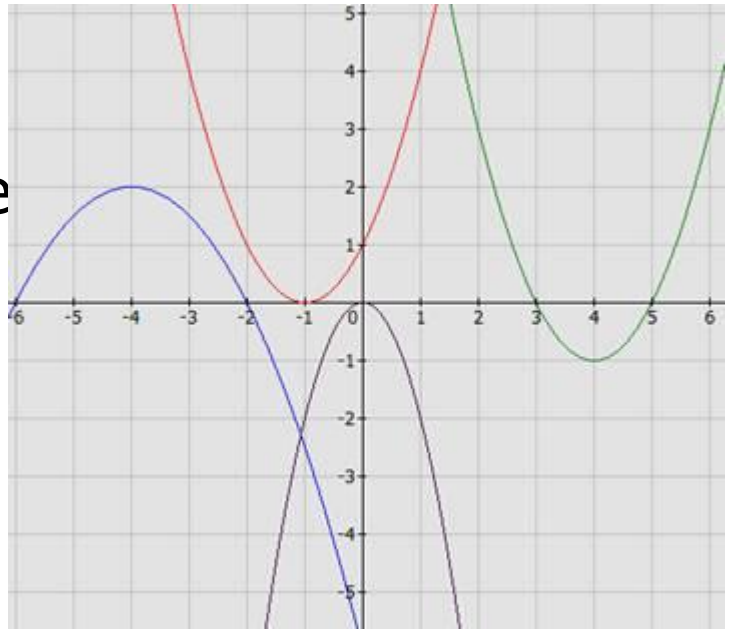
1. Quadratic function
2. Rational and irrational inequalities
3. Exponents
4. Trigonometric function of the angle
5. Triangle.Tetragon.
6. Computing the sides and angles of equal figures.
7. Combinatory.



Mathematics 10th grade

36 weeks x 3 times(classes) = 108 times(classes)

1. Quadratic function
2. Rational inequality
3. Exponents
4. Triangle
5. Computing the sides and angle
6. Combinatory.



Mathematics 11 th grade

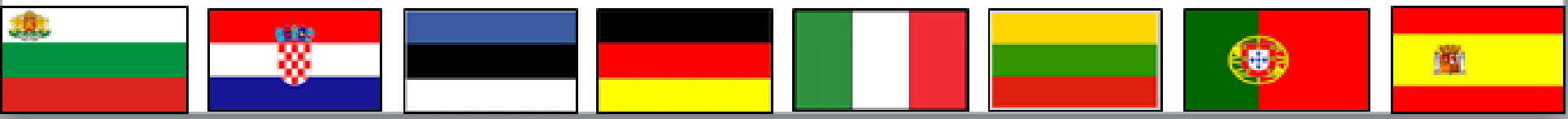
36weeks x 2 times(classes) = 72 times(classes)

1. Sequence
2. Statistics
3. Trigonometric functions

Mathematics 11 th grade – PP

36 weeks x 5 times(classes) = 180 times(classes)

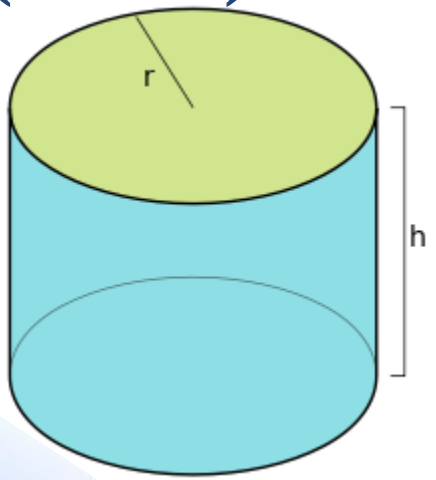
1. Sequence
2. Statistics
3. Exponential and logarithmical function
4. Trigonometric function. Trigonometric equations and inequalities. Applications.
5. **Stereometry. Polyhedron.**



Mathematics 12 th grade- PP

31 weeks x 7 times(classes) = 217 times(classes)

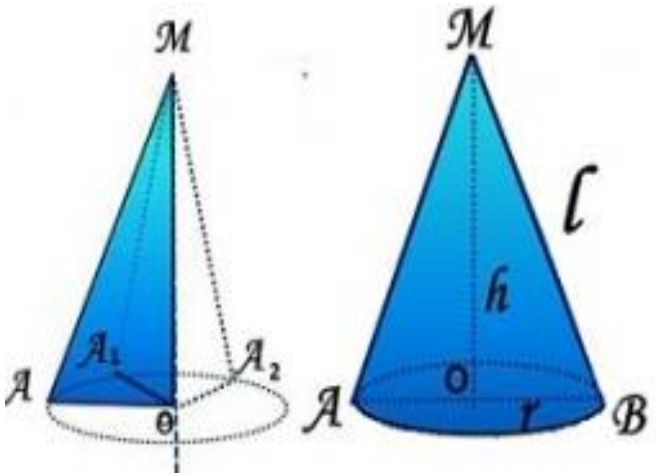
1. Elements of mathematical analysis
2. Rational figures
3. Statistics
4. Complex numbers
5. Analytic geometry



Mathematics 12 th grade

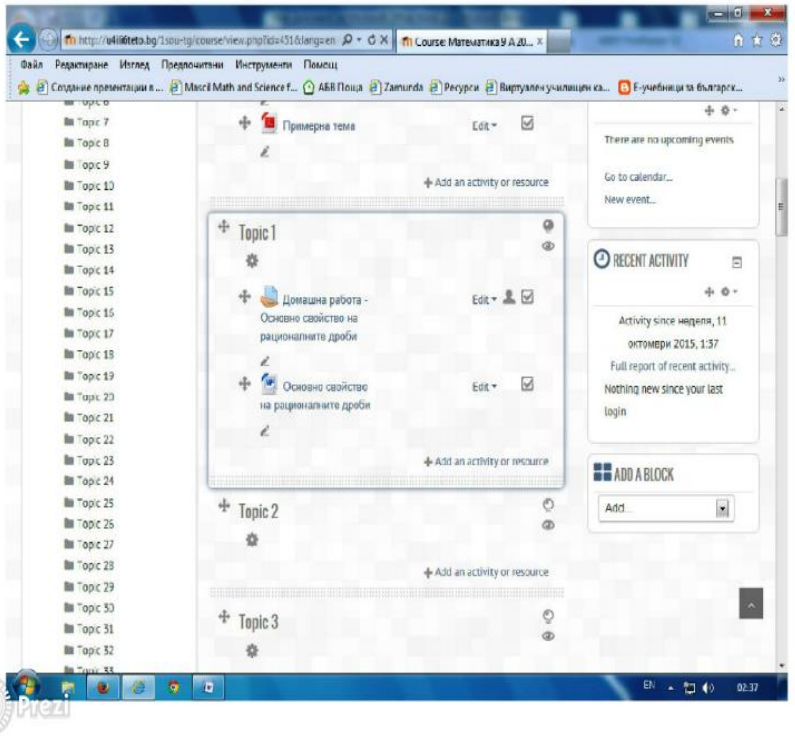
31 weeks x 2 times(classes) = 62 times(classes)

1. Solid geometry. Position of points, straight lines and planes in the space.
2. Polyhedron
3. Rational figures
4. Exponents. Logarithm
5. Equations and inequalities
6. Functions.



Teachers use learning platform MOODLE

Moodle is a learning platform designed to provide educators, administrators and learners with a system to create personalized learning environments. Moodle provides the most flexible tool-set.



Moodle allows educators to create online courses, which students can access as a virtual classroom. A typically Moodle home page will include a list of participants and a calendar with a course schedule and list of assignments. Other Moodle features include online quizzes, forums, where students can post comments and ask questions, and links to other Web resources.

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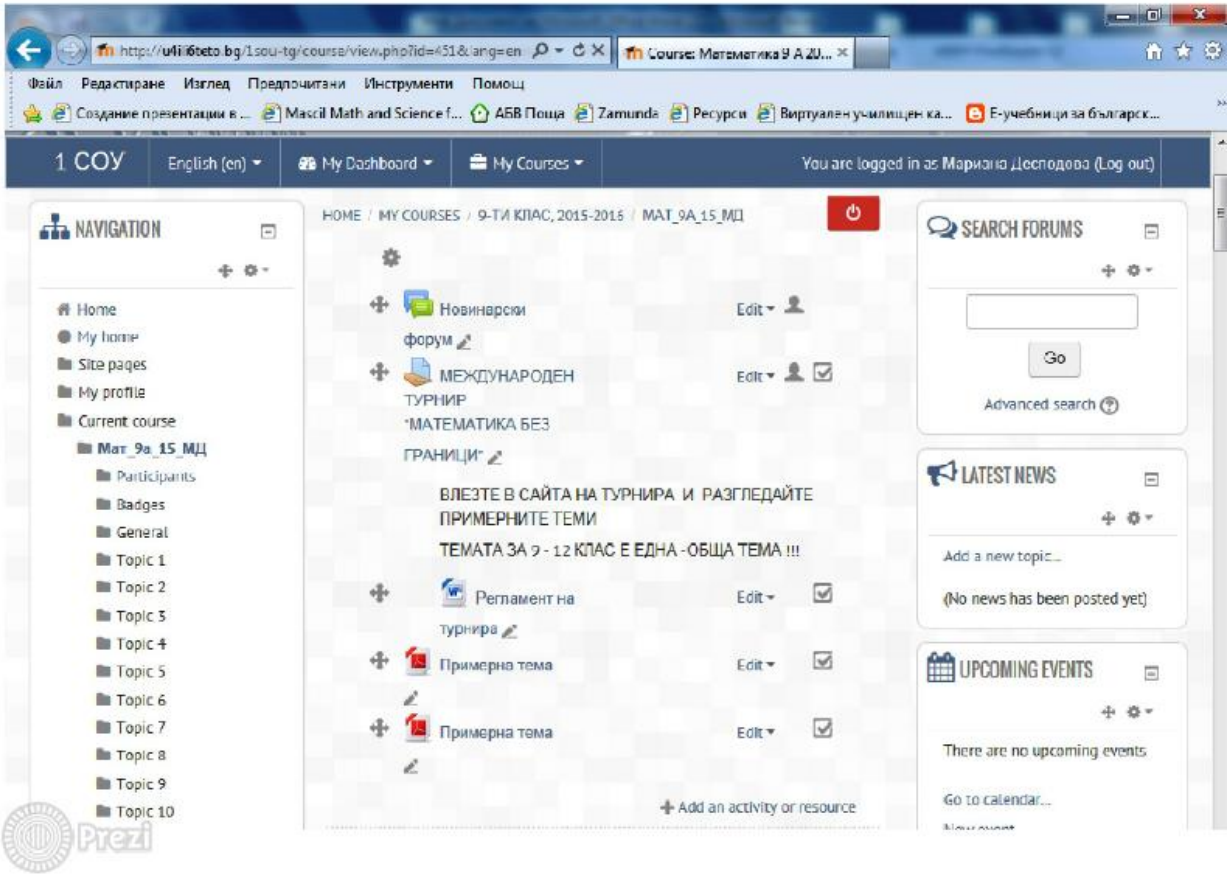
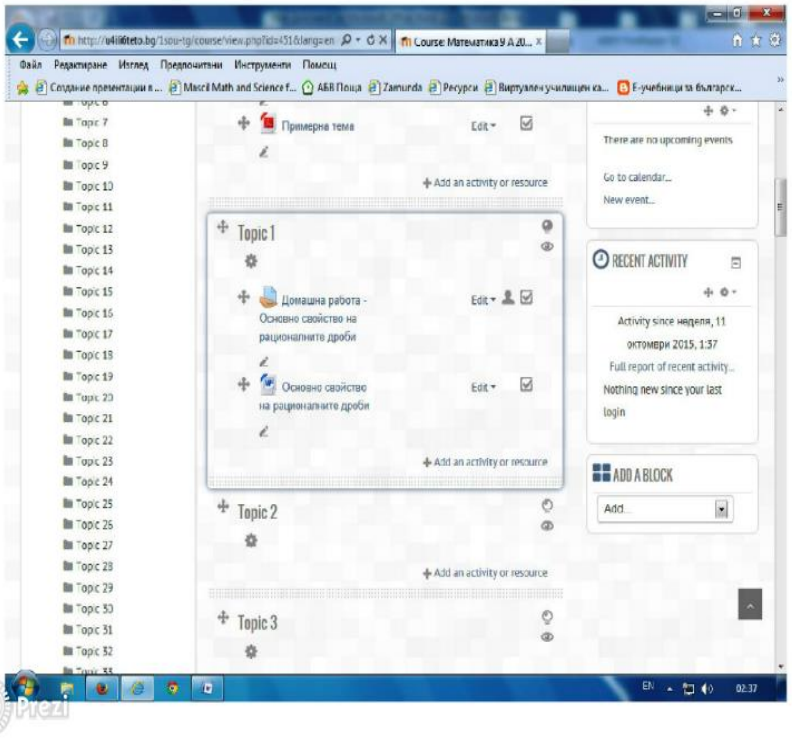
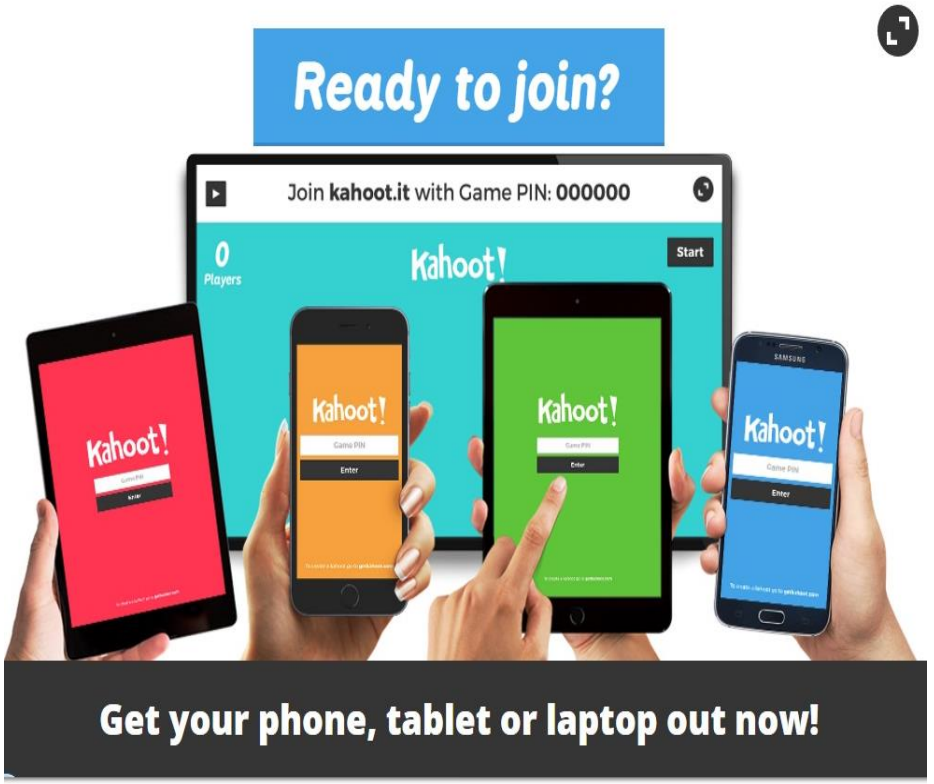


Doing tests in Moodle for homework is easy and quick. You can watch for educational progress of the students.



Kahoot

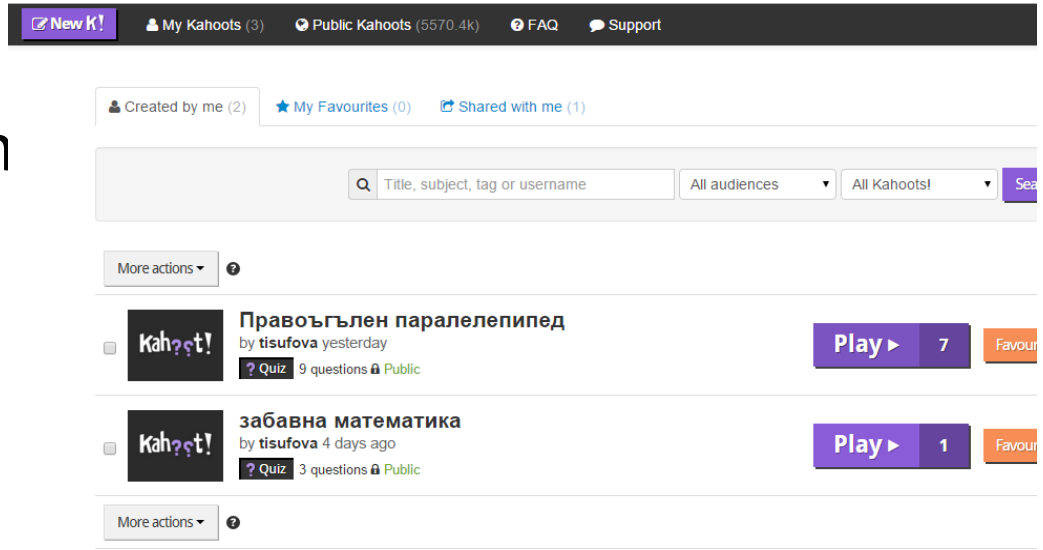
Kahoot! is a game-based learning platform that leaves your students begging for more. With a refreshingly new take on introducing a subject, formative assessment and deep discussion Kahoot! initiates conversation, leaving students on the edge of their seats. Kahoot! provides deep learning through creation of educational games, and new understanding through playing them.



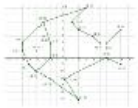
- Enter your question
- Enter up to 4 answer options and choose the correct one(s)
- Embed an image into

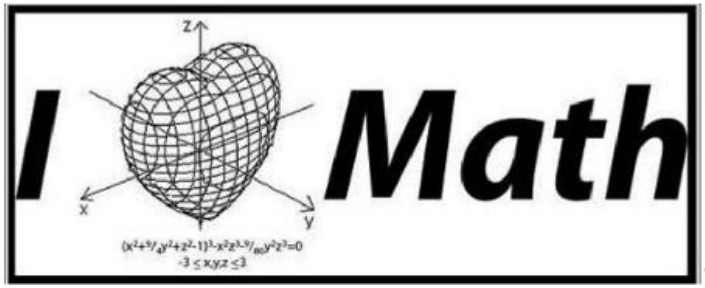
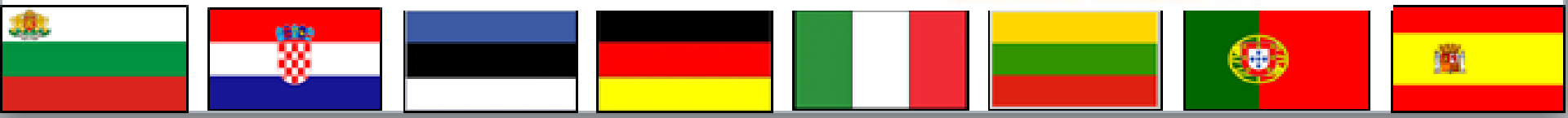
  your question or You Tube video

- Teachers can create tests and share them with other users . If you make your Kahoot public other users can duplicate and edit then for their own use.



Thank you for your attention!





Обучението по математика