

Visual Mathematics in Practice



Name of the teacher:	Mirjana Rasic Mitic
Name and address of the school:	OS "Sveti Sava", Nis, Garsije Lorke b.b.
Theme of the lesson:	Pythagorean theorem
Place in curriculum: (type of school, grade)	Elementary school
Age of the students/pupils:	13
Title of the lesson:	Inspired by Pythagoras

Description of the lesson			
Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
1 day 45 min 3 weeks	<p><i>I try to connect mathematics and art. I found inspiration in the whole summer school in Eger, and specially in the form of the family day. After we have finished lessons about Pythagorean theorem, I showed the children presentation with the similar work of some Belgian kids (I found it on the internet). I gave them a task to create pictures, models or anything else they can imagine. They could use any material and form. The only condition was that the work is connected with the Pythagorean theorem. We made exhibition in the park, near the school. The exhibition was well visited by kids relatives, friends, park walkers and TV.</i></p> <p><i>Preparing Presentation.</i></p> <p><i>Watching presentation, giving instructions about work, making groups.</i></p>	<p><i>Group work and exhibition</i></p>	<p><i>Thinking, learning, developing, creativity, communication</i></p>

1 day	<i>Kids work at home, consultations by the mail or in the school.</i> <i>Exhibition.</i>		
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Summary	
<p><i>We were all wery excited during the preparation of the exhibition. The success of the exhibition exceeded my expectatins. Some of kids works are a real art. It was so good, that two local TV made a report of our exhibition. Also, I got compliments from kids parents for my work.</i></p> <p><i>Result: On the next math class, children are looked something like this: Let's do the maths (with smile on their faces).</i></p>	

Supplements	
Used materials:	<i>Paper, crayons, wood, rise, magnets, glue, plasticine...</i>
Photos:	<i>Photos are in file named Exhibition.</i>