

# Visual Mathematics in Practice



Name of the teacher:	Silvana Zivkovic
Name and address of the school:	O.Š."Đura Jakšić"-Zrenjanin
Theme of the lesson:	Measurement
Place in curriculum: (type of school, grade)	Elementary, VI
Age of the students/pupils:	13 years
Title of the lesson:	Measuring the area of a square

## Description of the lesson

Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
5-7min	<i>The explanation of concept of the area by the teacher</i>	<i>Monologue method</i>	<i>Development of analytic ways of thinking, magnification of concentration and paying attentions, stimulation of creativity and the ability of observation,</i>
25-30 min	A power point presentation about tangram, each student received a square with area of $10 \text{ cm}^2$ of which they constructed a tangram. The pupils also got a piece of paper with figures which were to be created from pieces of tangram.	<i>Working in pairs</i>	
5-7min	The students completed a questionnaire in which they deducted that the areas of all these figures are equal to the area of the square even though the shapes are different. <i>Inspired by Ilona's Téglási workshop</i>		

## Summary

*Throughout the whole class students were concentrated, and worked sedulously and devotedly. Moreover, the pupils were very excited, inspired and eager to work. They left the class happy and*

*smiling.*

## **Supplements**

Used materials:	<i>Power Point presentation</i>
Photos:	<i>I didn't take photographs</i>