

Visual Mathematics in Practice



Name of the teacher:	Katarina Sabo
Name and address of the school:	SSŠ "Branko Radičević", Ruma, Partizanska BB
Theme of the lesson:	PUZZLE SOLVING PROBLEMS
Place in curriculum: (type of school, grade)	High school
Age of the pupils/pupils:	16-19
Title of the lesson:	PUZZLE SOLVING PROBLEMS

Description of the lesson			
Time	Exercises, matters, parts of the lesson	Methods and forms of pupil activities	Developable competencies
5 mins	<i>Teacher explains given tasks to pupils who are divided in groups, and gives them the proper material.</i>	<i>Groups of 4 pupils.</i>	<i>Thinking, creativity, originality, spatial seeing, image creating skills.</i>
10 mins	<i>Pupils are solving the puzzle in ornament form. Puzzle consist of 9 parts. There are more than 1 solutions.</i>		
15 mins	<i>Pupils need to clip multiple squares in order to form a certain pattern. Except of forming assigned design, pupils formed various types of pattern, driven by their creativity.</i>		
10 mins	<i>Mathematical problems that are solved by transposing and removing sticks.</i>		
5 mins	<i>Conversation about this lesson.</i>		
	<i>The inspiration came from Workshops: Slavik Jablan and Ljiljana Radovic</i>		

	<i>Ilona Téglási</i>		
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Summary

Pupils were delighted with this lecture. Will we have this method of lessons again? They asked.

Supplements

Used materials:	Scissors, exercise papers, sticks.
Photos:	<i>Photos 1 to 6.</i>