

Visual Mathematics in Practice



Name of the teacher:	Kukic Tatjana
Name and address of the school:	Saobracajno-tehnicka skola, Zemun, Cara Dusana 262
Theme of the lesson:	Mathematical progression
Place in curriculum: (type of school, grade)	High school, III grade
Age of the students/pupils:	17
Title of the lesson:	Arithmetic progression

Description of the lesson			
Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
5'	Power point presentation about Beauty-of-Mathematics and teacher asks questions about beauty of numbers		
5'	The story about Johann Carl Friedrich Gauß telling by teacher	Monologue method	
30'	Introduction to arithmetic progression through examples	Monologue and dialogue method	Matemactical thinking, matemactical communication, looking for connection
5'	Questions, revision, homeworks		

Summary

Pupils were very interested in this. They left class smiling.
Inspiration for this came from a lecture from Summer School of Mathematics in Eger, July 2013.

Supplements

Used materials:	Power point presentation from Internet, internet for more information and text-book <i>http://tuxjunction.net/pps/the-beauty-of-mathematics.ppt</i>
Photos:	