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:	Rectangular coordinate system
Place in curriculum: (type of school, grade)	Elementary school
Age of the students/pupils:	13
Title of the lesson:	Introduction to the rectangular coordinate system

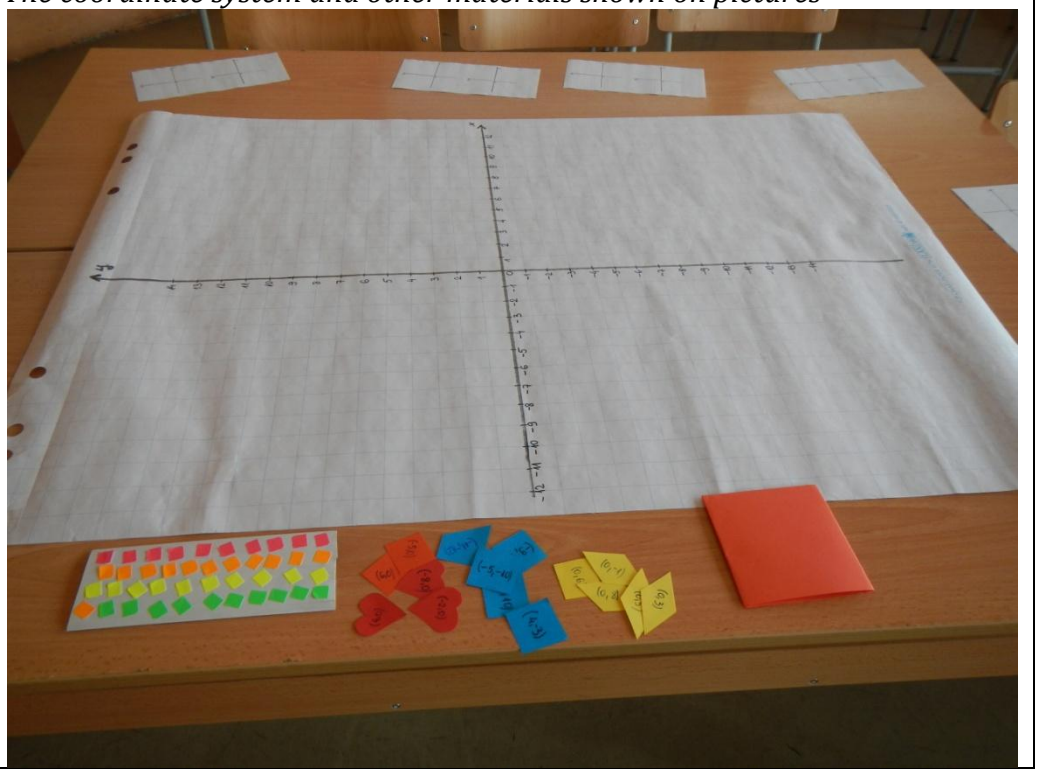
Description of the lesson

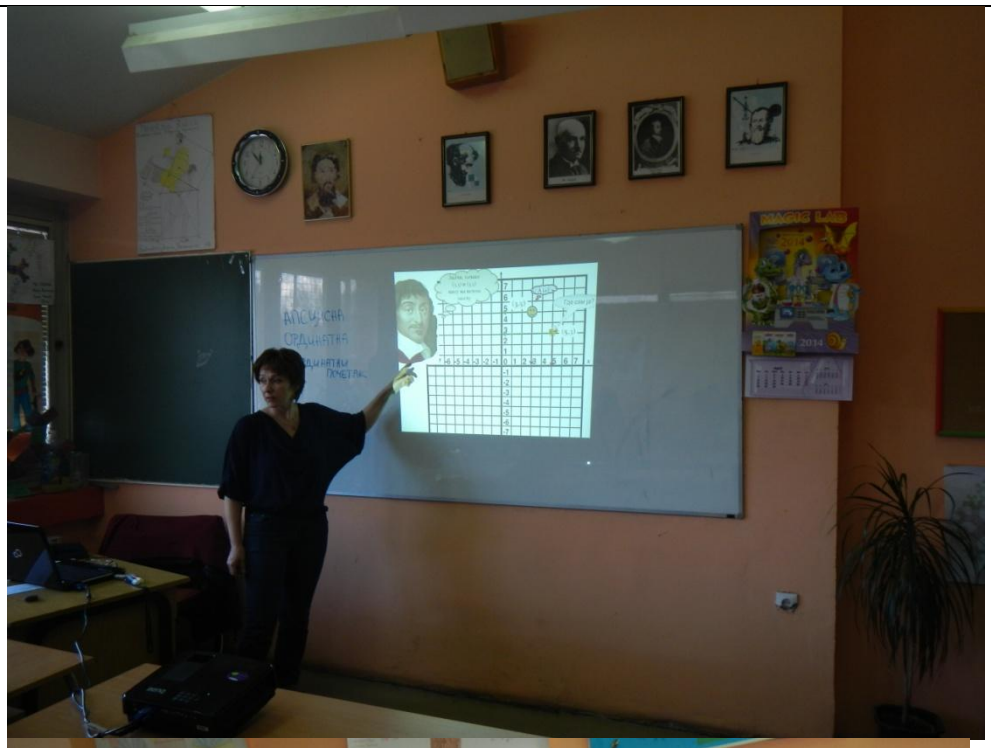
Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
10min 15min 20min	*The inspiration for this lesson came from lecture of profesorRobert Farthauer.* *We were watching 7 minutes of moovi Dimensions chapter 1.* *I prepared the ppt- presentation about Rene Descartes' life and* how he made rectangular coordinate system. During the presentation we discussed about points and their coordinates. *Practis:* *Every group had a big paper with* coordinate system, many stickers in four different colors , and pieces of colored papers with tasks to find points in the coordinate system. Then we discussed about quadrants (colors were important for conclusions). For example: points in first quadrant are in the same color; what is in common for those points? How I'll recognize point in first quadrant?	*cooperative groups*	*thinking, learning, communication, deductive and inductive thinking*

Summary

My pupils found that this class was very interesting. One of them said: "Teacher, today's class was so good, almost as the way I play basketboll". As I know how he is good basketboll player, it was a big compliment for me. The materials I used for this class will be useful in the other classes, as functions etc.

Supplements

Used materials:	*The coordinate system and other materials shown on pictures* 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	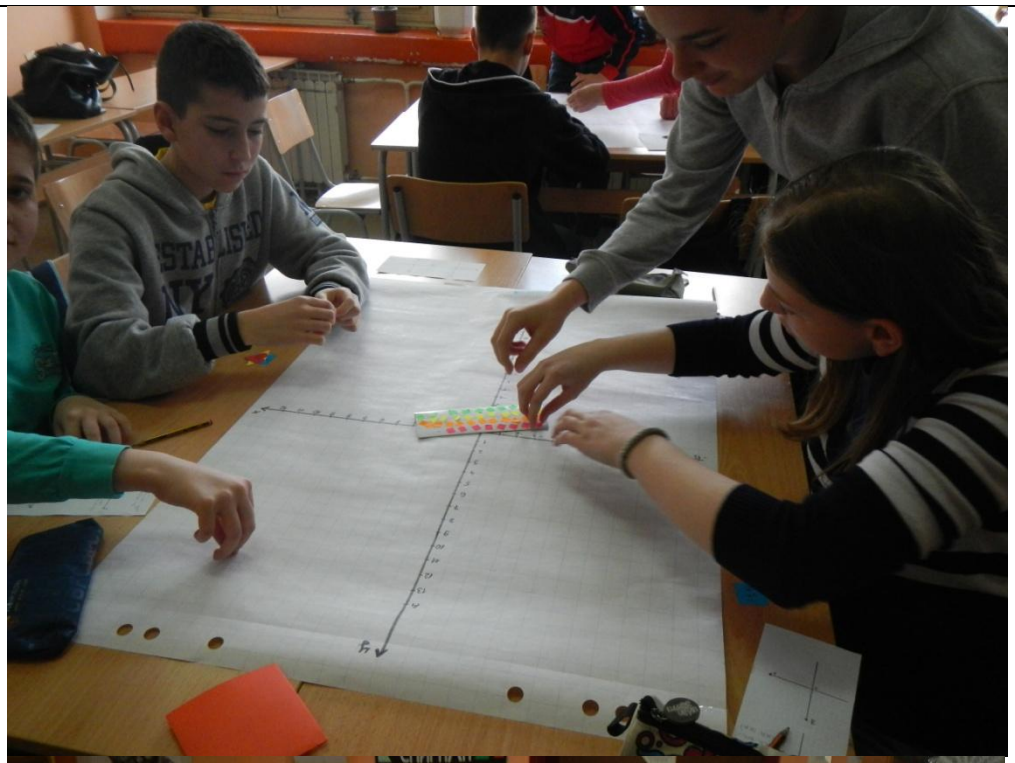
Photos:	