

Visual Mathematics in Practice



Name of the teacher:	Nada Jovic
Name and address of the school:	Technical school "Wood Art", Belgrade, Serbia
Theme of the lesson:	extraction of root
Place in curriculum: (type of school, grade)	High school, second grade
Age of the students/pupils:	16
Title of the lesson:	Mathematical clock

Description of the lesson			
Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
5 min	<i>Teacher discusses with students about square root and its basic characteristic. Students give examples of using square root in real life.</i>	<i>work in groups</i>	<i>Developing practical skills, creativity, communication,</i>
5 min	<i>The teacher divided students in 4 groups and gave instructions for the exercise.</i>		
10 min	<i>Students should make simple algebraic expression using basic calculation like addition, subtraction, multiplication, division and extraction of a root. Result for each expression should be numbers from 1 to 12. They should use only one number in the expression.</i>		
10 min	<i>Students together with teacher checked results of each group.</i>		
10 min	<i>Each group of students received a colored paper and shiny stickers and made mathematical clock.</i>		
5 min	<i>At the end, students compare their clocks and voted for the best one.</i>		

Summary

Students were very enthusiastic and motivated to work on this type of lesson especially when we agreed to put the most beautiful clock on our classroom wall .We bought clock mechanism and choose frame from our school studio. This frame was done by the same students during school practice. Time has passed in working and creative atmosphere. Inspiration came from various workshops at the Summer School.

Supplements

Used materials:

Papers, ruler, colored pencils and dividers



Photos:



