

Visual Mathematics in Practice



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| Name of the teacher: | Branislava Jakovljević and Radmila Radojević |
| Name and address of the school: | Mašinska škola „Pančevo”, Braće Jovanovića 103, Pančevo |
| Theme of the lesson: | We have not done this in class, we worked on the mathematical section |
| Place in curriculum: (type of school, grade) | secondary school, II and IV grade |
| Age of the students/pupils: | 16 and 18 |
| Title of the lesson: | Construct a labyrinth |

| Description of the lesson | | | |
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| Time | Exercises, matters, parts of the lesson | Methods and forms of student activities | Developable competencies |
| 25 min | Teacher's PPT presentation | | Thinking, creativity, planning, looking for connection, attention keeping, communication |
| 15 min | Teacher gives task and material to pupils, and explains given task. Material consists of diagonally drawn squares | | |
| 110 min | Pupils solve the task individually or in a group, as they wish. | individual work, work in pairs, work in group | |
| 240 min | Pupils prepare a template for drawing a maze on the floor in school | work in groups, cooperative groups | |
| 180 min | Pupils draw a maze on the floor | work in groups, cooperative groups | |
| NOTE | The inspiration for this came from lectures of prof. Jablan Slavik and prof. Liljana Radovic | | |

Summary

Pupils were very interested in this. They worked together and they made very interesting labyrinths. At the end they were very delighted and proud of their work.

Supplements

Used materials: PPT presentation, Projector, computer, diagonally drawn squares, paper, scissors, glue, concrete paint

Photos:

