

# Visual Mathematics in Practice



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| Name of the teacher:                            | Diana Pavlović  |
| Name and address of the school:                 | Primary School „Stevan Čolović“,<br>Adress: Braće Mihailovića 8, 31230 Arilje, Serbia |
| Theme of the lesson:                            | Angles  |
| Place in curriculum:<br>(type of school, grade) | Primary School, fifth grade   |
| Age of the students/pupils:                     | 11 years  |
| Title of the lesson:                            | Types of angles   |

| <b>Description of the lesson</b> |   |  |  |
|----------------------------------|---|--|--|
| Time                             | Exercises, matters, parts of the lesson   | Methods and forms of student activities                  | Developable competencies   |
| 10 minutes                       | <i>Explaining everybody the rools of a quiz. Making groups, deciding which two pupils will lead a program and two pupils who will count scores, setting scene and the equipment in a classroom, with a help of computing teacher.</i>   | <i>Work in cooperativ groups of four, work in pairs.</i> | <i>Mathematical thinking, reasoning and proofs, mathematical communication, using mathematical aids and tools,</i> |
| 25 minutes                       | <i>Quiz is startting. Two pupils leading a program ask first group to choose question. If they do not know the answer, the next group has oportunity to answer. And so on. There are 20 question, and 15 more if we have a tie score. The question and answers are enclosed as a seperate document, so is the quiz.</i> |  |  |
| 10 minutes                       | <i>At the end, the jury (two kids from the class) counted points. Announcing the winner, handing over the prizes, and suming the impresions.</i>  |  |  |

## Summary

Teacher: I think that quiz went very well. Children had fun, and they learnt the meaning of angles. They were very motivated to win because of the small prizes every child got. There were no losers.

Pupils: All children said that they had good time, because they combined fun games and learning. They also said that they would like more quizzes like this, because it is fun way to learn.

## Supplements

Used materials: Lap top, projector, score board, papers, pens

Photos:

