

Visual Mathematics in Practice

Name of the teacher:	Dejana Vojinović
Name and address of the school:	Primary School "Lazar Savatić" Kej oslobodjenja 27, Zemun
Theme of the lesson:	Divisibility of positive integers
Place in curriculum: (type of school, grade)	Primary School, 5 th grade
Age of the students/pupils:	11-12 years
Title of the lesson:	The Celtic knots

Description of the lesson			
Time	Exercises, matters, parts of the lesson	Methods and forms of student activities	Developable competencies
20 minutes	Introduction to Celts culture, and heritage; repetition of prime and composite numbers	Listening, answering the questions	Broadening general knowledge, deepening mathematical knowledge and developing communication skills

<p>20 minutes</p>	<p>Pupils are introduced into a method of drawing Celtic knots.</p>	<p>Individual drawing</p>	<p>Visualisation of GCD problems</p>
<p>5 minutes</p>	<p>Presentation of multimedial materials related to the topic</p>	<p>Listening to the Celtics music</p>	<p>Encouraging open mindness</p>

Summary

The application of GCD is presented to the class in totally new way.

Idea for realization of this lecture originated from the Summer School of Mathematics in Eger, July 2013, organized as a part of Tempus project: "Visualization of Mathematics".