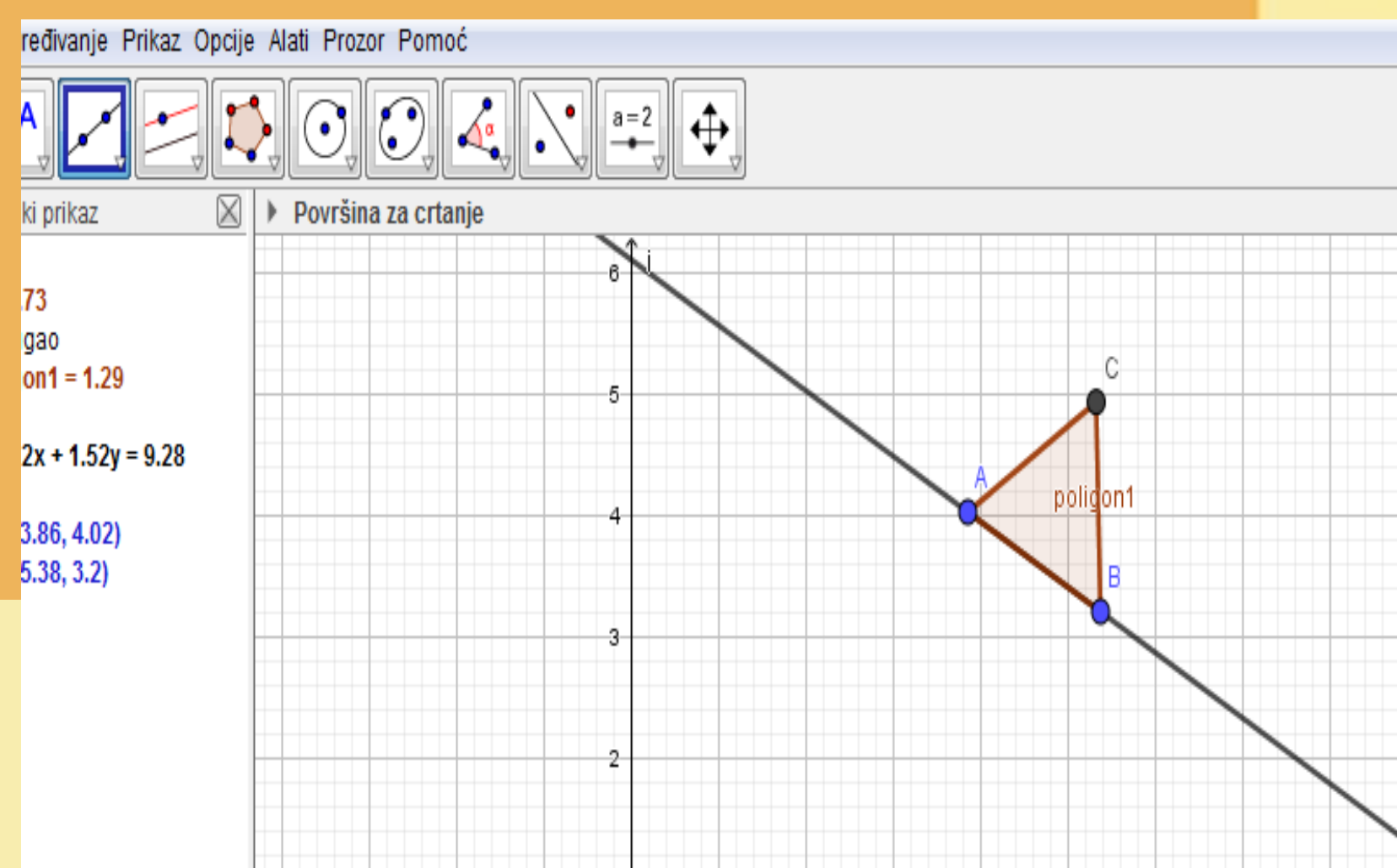# GEOMETRICIAN'S VIEWS

TOPIC: Triangle

Mathematical View

Triangle is a polygon with three edges and three vertices. It is one of the basic shapes in geometry. A triangle with vertices A, B, and C. The terminology for categorizing triangles is more than two thousand years old, having been defined on the very first page of Euclid's Elements. The names used for modern classification are either a direct transliteration of Euclid's Greek or their Latin translations.
Ancient Greek mathematician Euclid defined three types of triangle according to the lengths of their sides. Triangles can also be classified according to their internal angles, measured here in degrees.
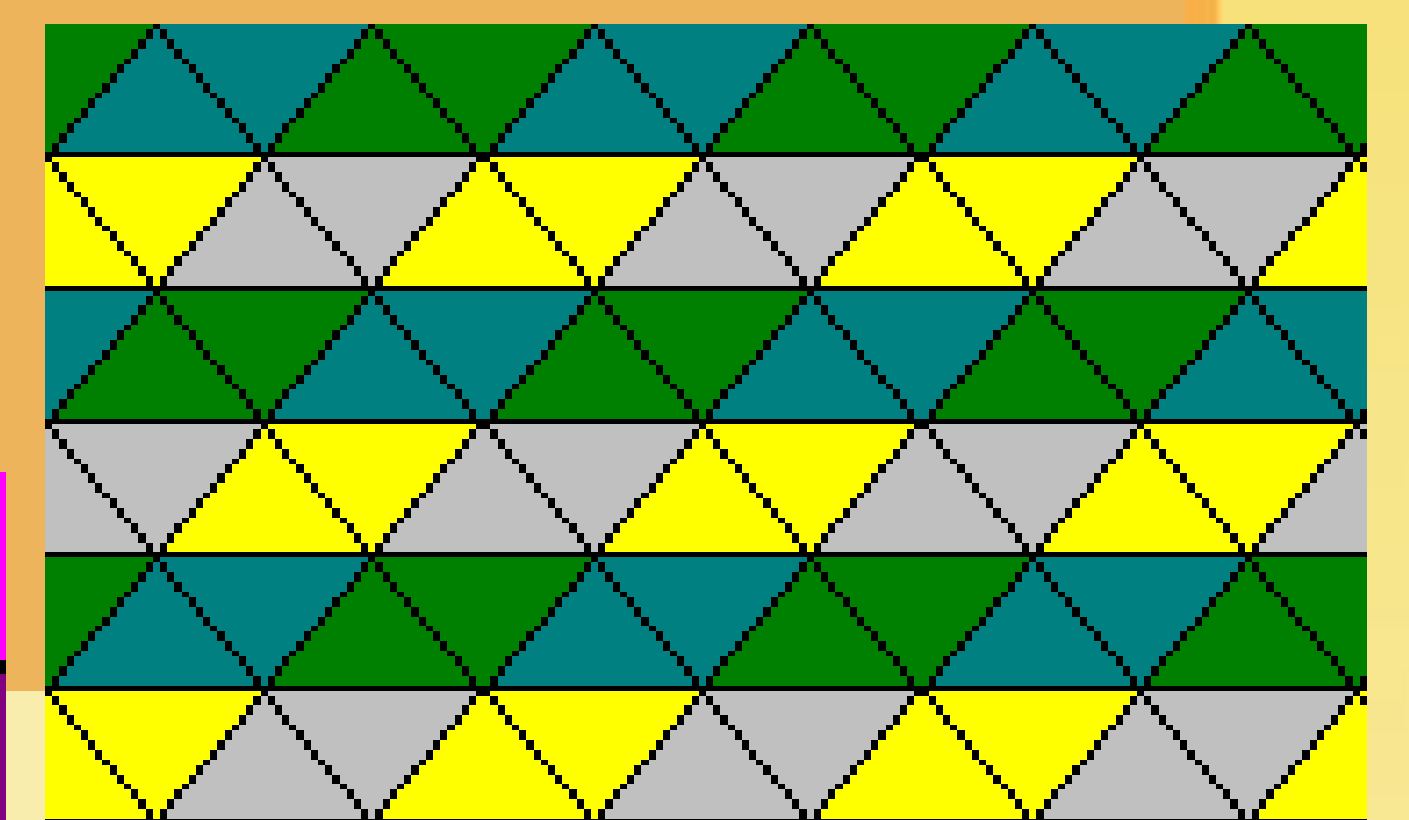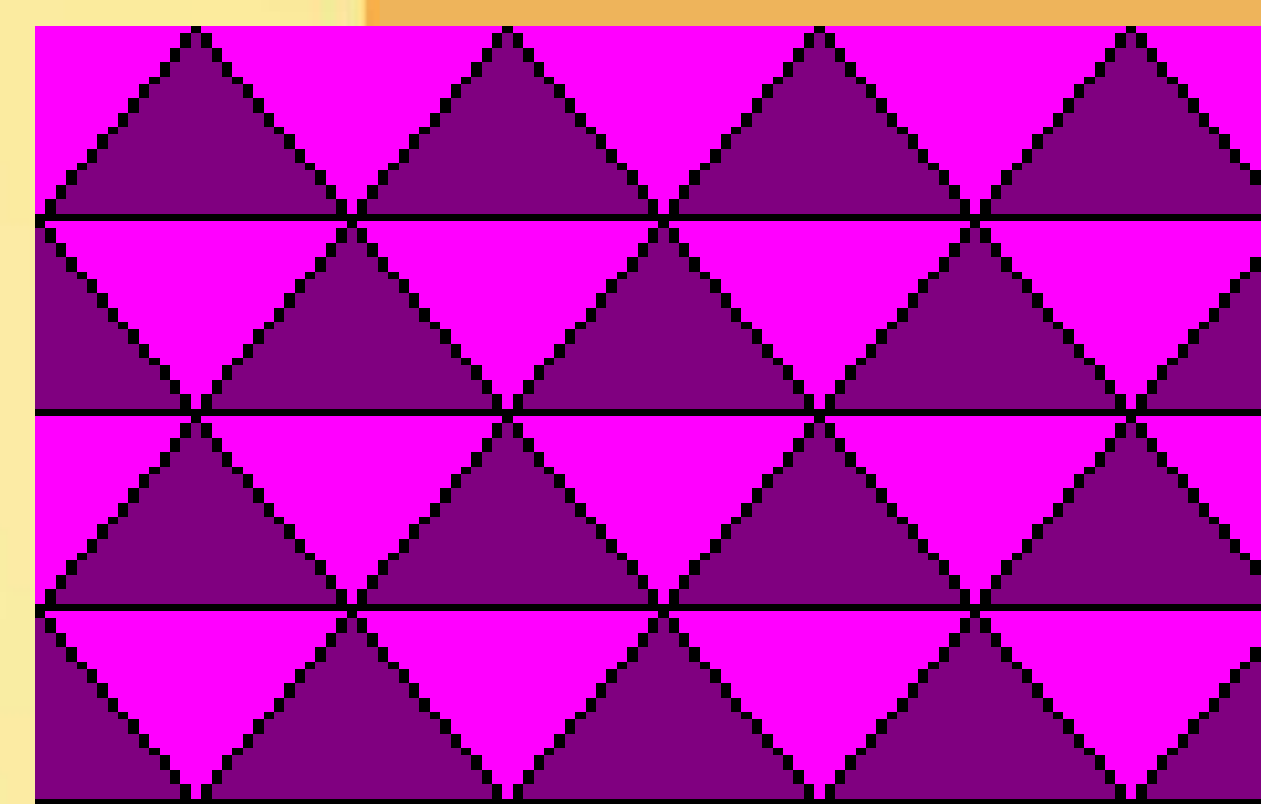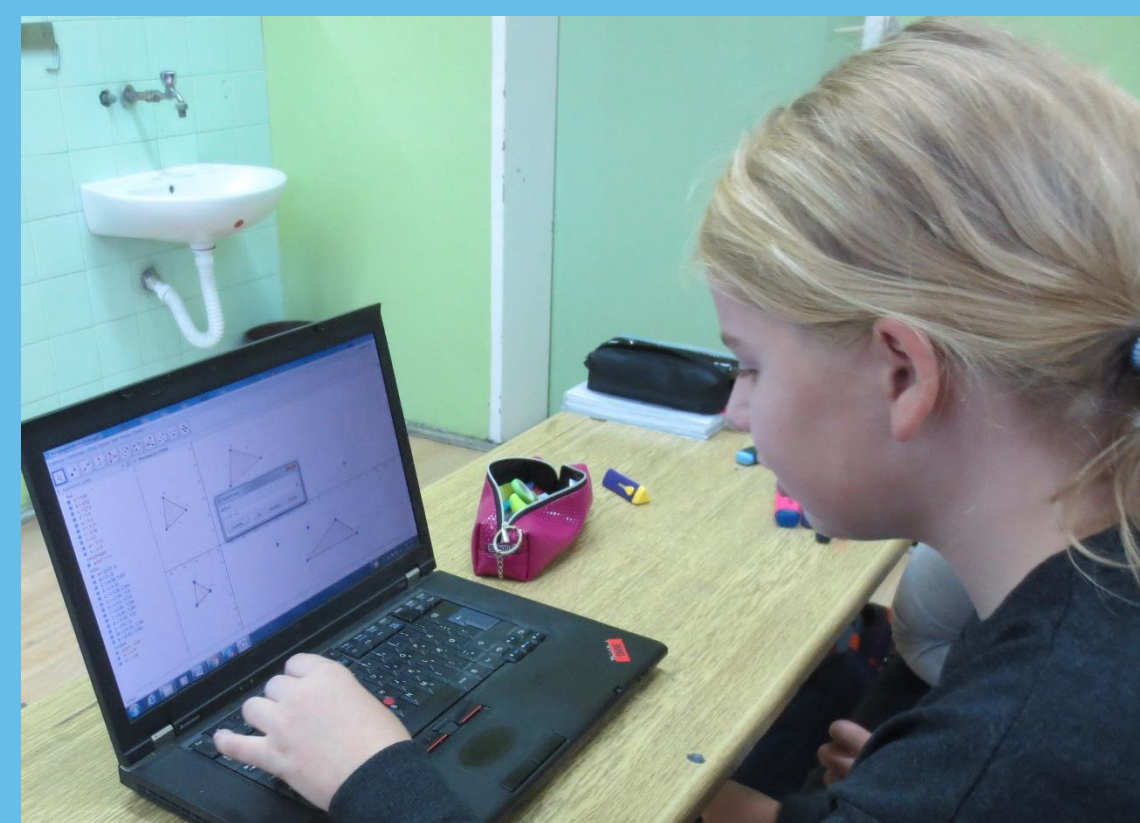
Researcher
Miroslav Novta

Artistic View

Triangle is an element that has been used in visual art trough history. It is aesthetic and structural element and many complex structures can be built from the simple triangular form.
Triangular form can be used in tessellation which is the process of covering a surface with a number of triangles that fit together, never overlapping or leaving spaces between them. The tessellation can be used in a highly creative manner.
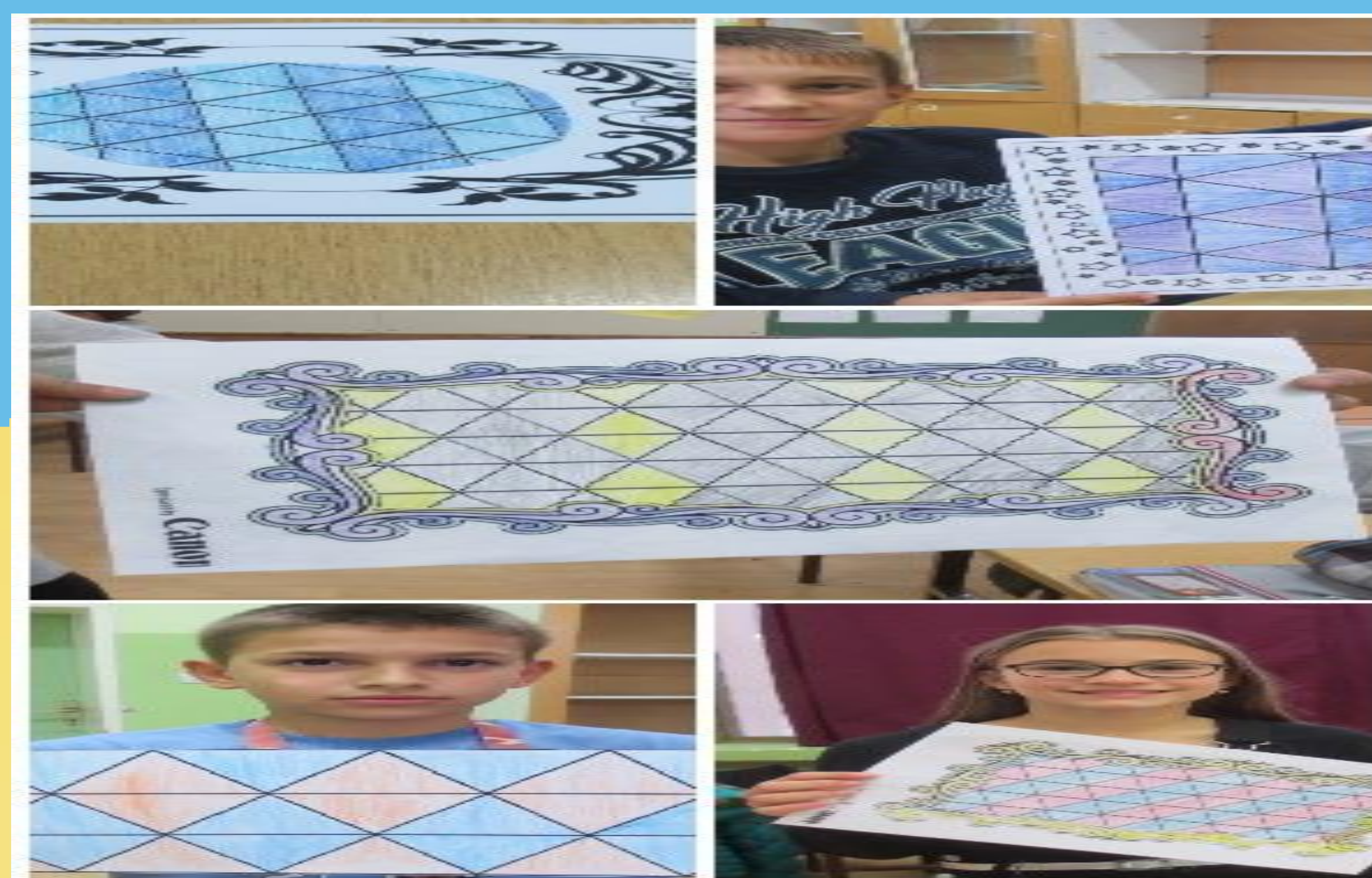
Artist
Renata Zorić

Common View

Students use rulers and draw different types of triangles and analyze the types of triangles they have drawn such as isosceles, right-angled, obtuse-angled, or equilateral. Those basic steps help students to understand the importance of labeling geometric shapes, vertices and sides.
Students learn how to draw a triangle or polygon with the help of the educational software Geogebra. They also get instructions how to draw a simple tessellation. It is also a good opportunity to explore features of equilateral triangles.
After a brief introduction to Geogebra, the concept of tessellation is explained to the students.
By following the instructions, the students should get basic tessellation, which they later color as desired to create artwork and decorate the classroom with them.

"Geometry will draw the soul toward truth and create the spirit of philosophy"

Plato

РУСКИ КРСТУР
ПЕТРО КУЗМЈАК
ОСНОВНА И СРЕДЊА ШКОЛА
СА ДОМОМ УЧЕНИКА

GEOMETRICIAN'S VIEWS