

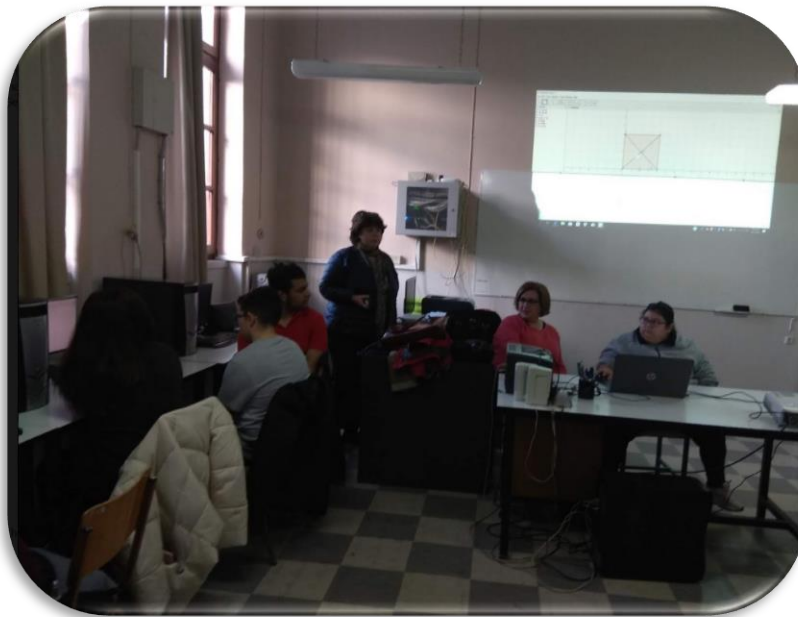
Artistic constructions

You can all see more constructions in our magazine <https://madmagz.com/magazine/1731892#/> Pages 43-49 and 55-59

1. Tessellations

During the C2 Mobility based on the works of **M.C. Escher**, in which his interest in symmetry is expressed, the students created their own constructions applying the different types of symmetry. Squares, equilateral triangles and regular hexagons were processed and new shapes were created. With horizontal and vertical displacement as well as with rotation of the new shapes, they covered surfaces, creating patterns. These patterns can be found in the Alhambra Palace in Spain, one of the collaborating countries of the program. The patterns were prepared by Spain students and then made by transnational teams in the computer lab using GeoGebra. They were also imprinted by students on T-shirts with markers.

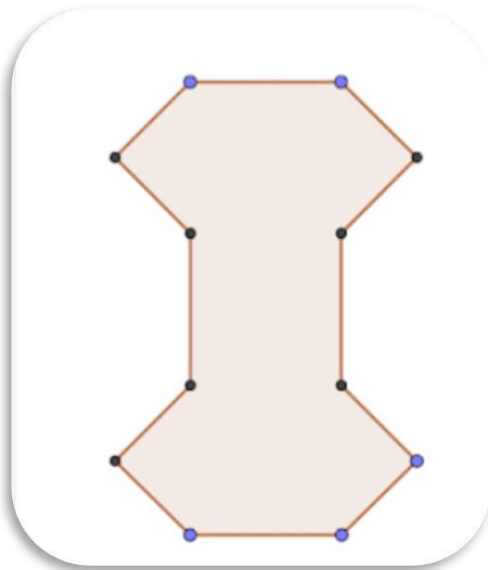
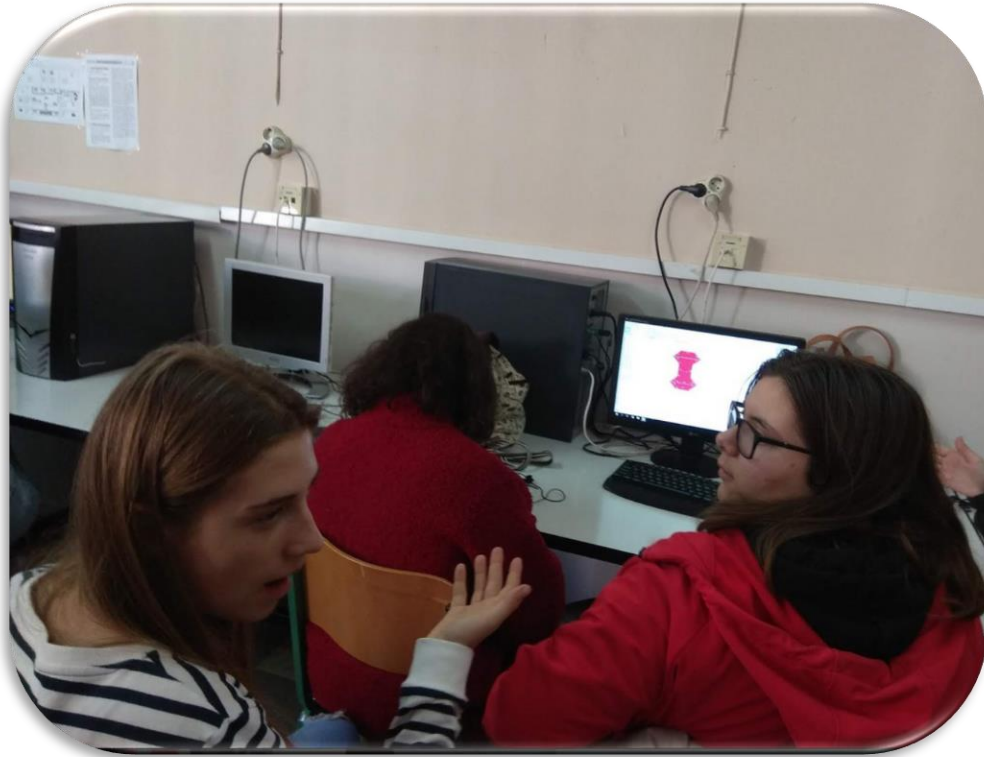
1a. Tessellations made in computer lab using GeoGebra

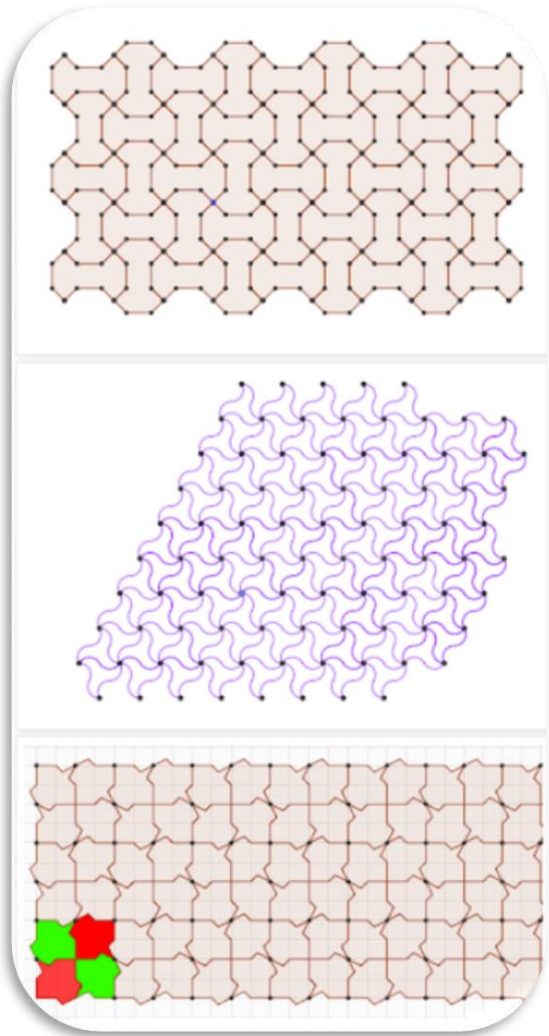
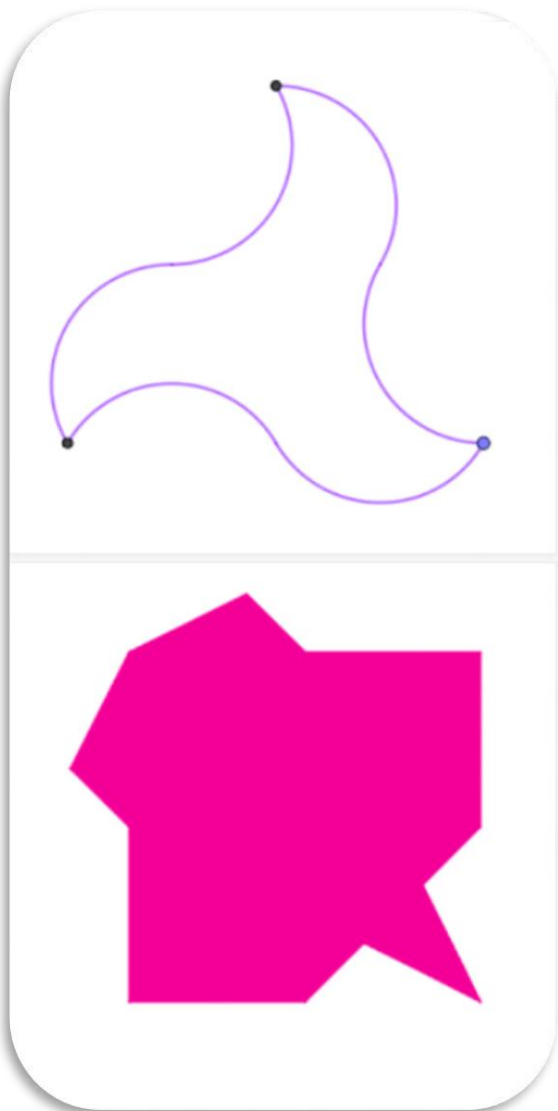


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1b. Tesselations imprinted by students on T-shirts with markers



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2. Artistic constructions on the workshop of the Contemporary Art Museum

Students based on the artwork of the Rethymnian Artist Nikolaos Alexiou, made creations expressing their feelings with different draws and colors using symmetry and patterns. Through interactive collaborative creative and recreational activities they discovered that abstract mathematical concepts are linked to the visual arts. The Museum of Contemporary Art provided experiences of experiential non-formal learning, supporting intercultural education and being a dynamic learning body that enhanced the educational process achieved at the school.

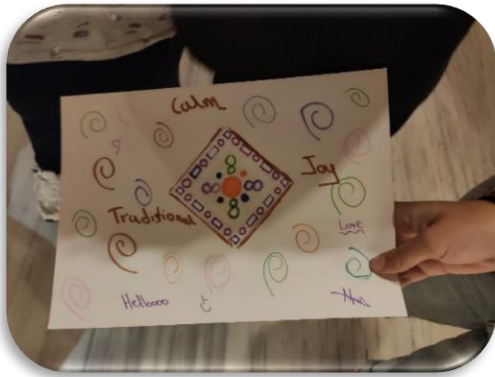




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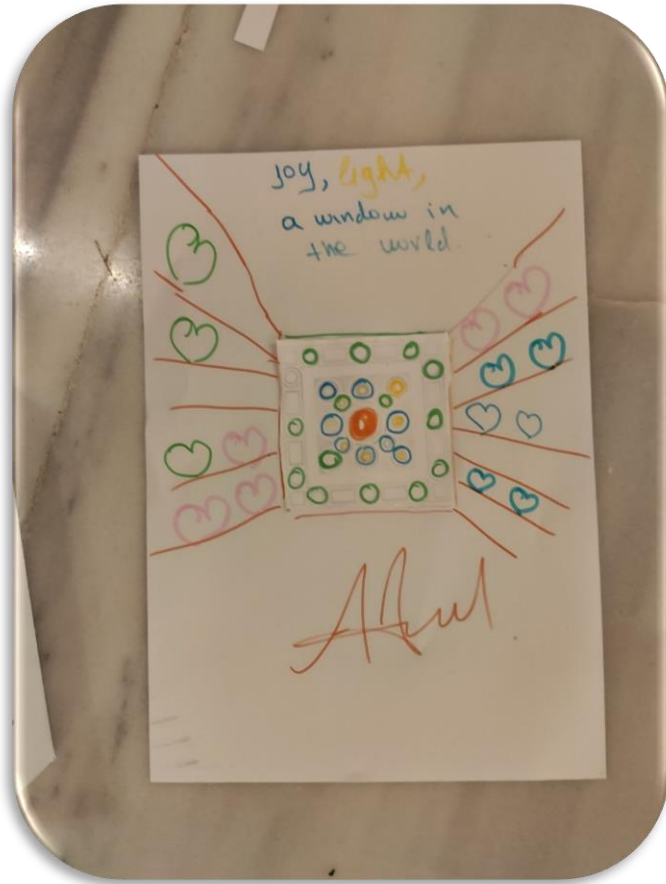




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