

Systems in Art: A Systematic Art Exercise in Accordance with Artists Matti Kujasalo (Finland) and Victor Vasarely (France / Hungary)

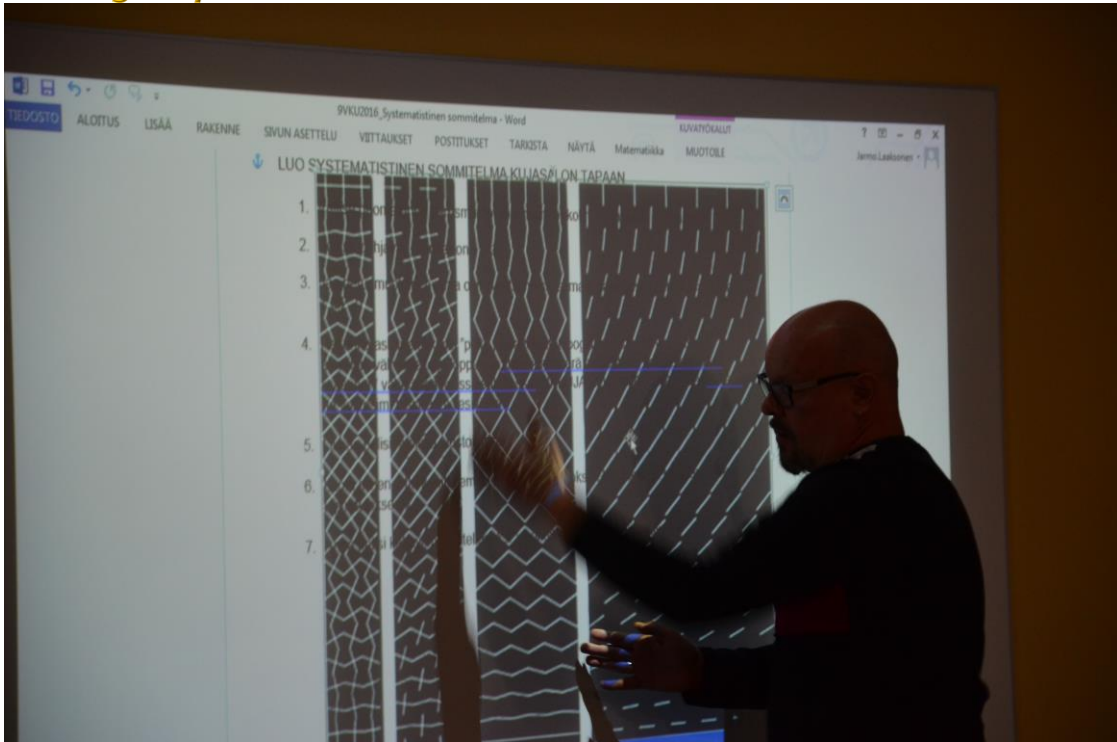
Participants: KIKS Team from Palokka School, Jyväskylä, Finland
9th graders (15 – 16 years), Jyväskylä, Finland
KIKS-teacher: Jarmo Laaksonen

Creating art as learning...



We have learnt from this project, that it is possible to create an interesting artwork based on a proper plan, which you make up first and let it guide your work to a final conclusion.

Getting inspired...



Our art teacher Jarmo Laaksonen explained us, how to look at the universe as a great structure, where logical systems rule and process all substances and make things happen. He has shown examples from the famous Finnish artist Matti Kujasalo. Kujasalo let a chosen system to lead his artwork, so, in every work of his art, there is some logical solution.



KIKS project researchers from the University of Jyväskylä, Kristóf Fenyvesi and Pirjo Häkkinen have also visited us. Fenyvesi has shown us examples from a Hungarian artist, Victor Vasarely's works. Those were a bit similar to Kujasalo's works.

Preparations

Regarding scientific examples, we have studied a bit the fractals. By working on our own artworks, we have learnt about the potential and nature of logical deduction both in science and in art. We noticed that the way of rational thinking could be aesthetic in the same time.



We were certainly enjoy doing this project, but the gluing was nerve wrecking...

Timeline...

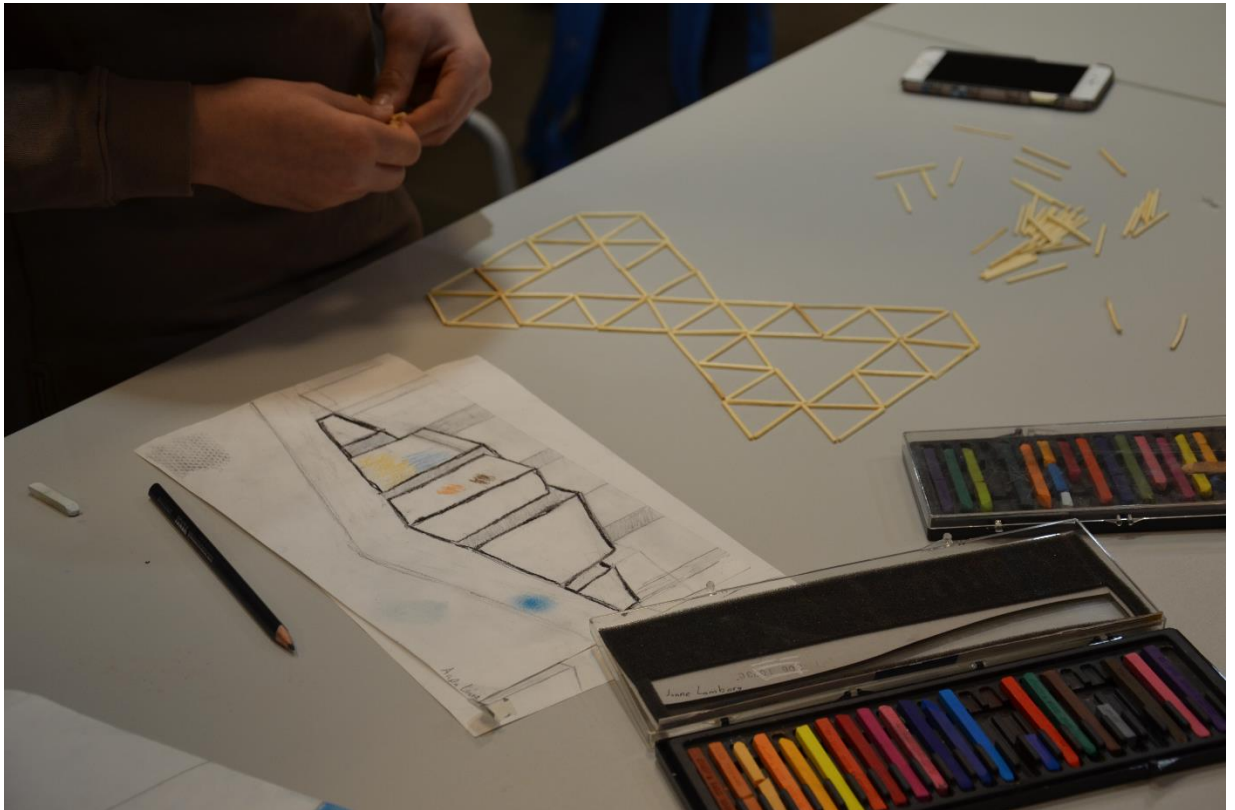
Regarding our project's timeline, we have started preparations in last Spring, when we have participated in KIKS-project's Hothousing Experience Workshop.



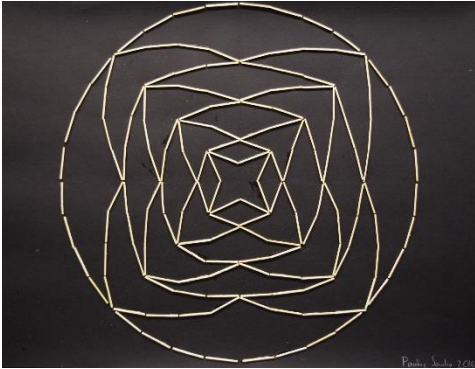


During our actual preparations, first, we have decided what we were going to create with the sticks, and then we took a paper and glue and started gluing the sticks to their places, until we were pleased with the design.

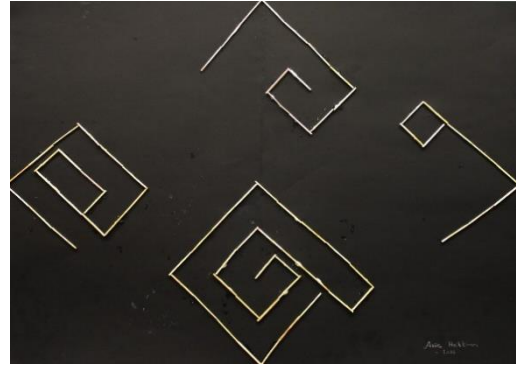




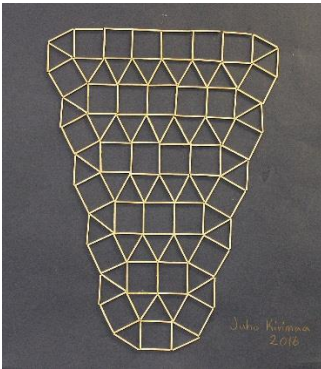
INTRODUCTION OF THE PROJECT RESULTS



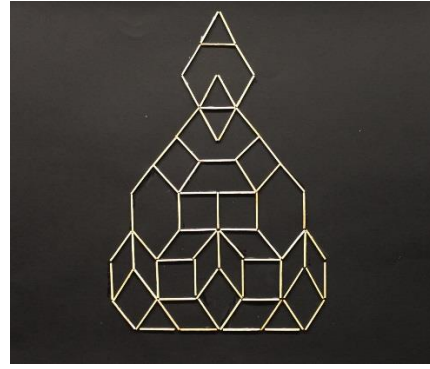
Paulus Saulio: *Every eight piece has same amount sticks.*



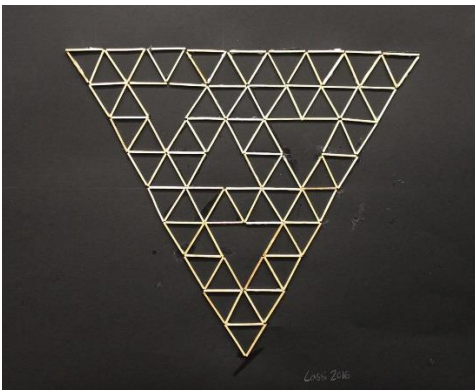
Atte Heikkinen: *It was an explosion.*



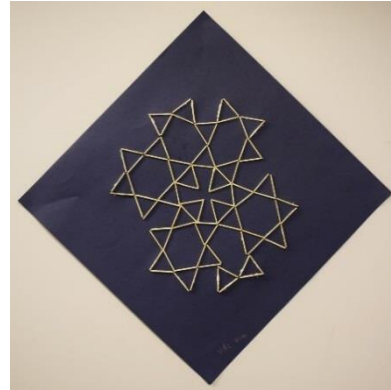
Juho Kivimaa: *The amount of the squares in the middle grows by one.*



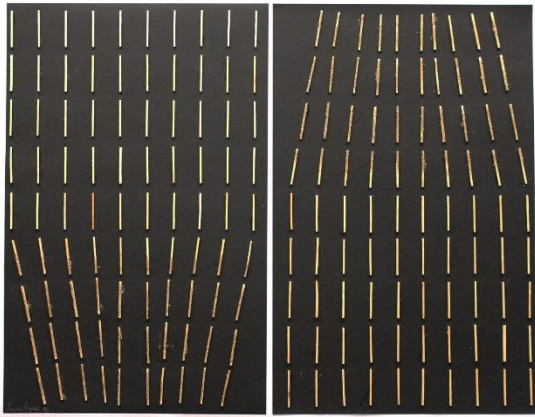
Riku Rantanen: *I don't know how I made this thing. It was a complete accident that I made it look like a man sitting down.*



Lassi Kauhanen: *I made small triangles that formed into one big triangle*



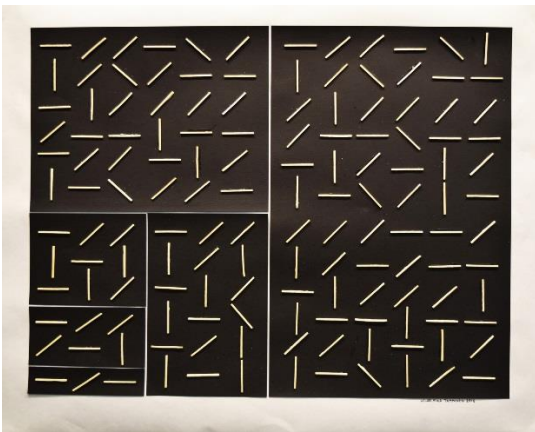
Ville Vesa: *I dropped all the sticks and they went like that.*



Laura Typpö: *I just did something nice.*



Henni Jääskeläinen: *I didn't have any ideas when I started this work. Only thing what I knew was that I want to do a triangle.*



Wilhelmiina Tamminen: *First I turned every second stick, then every third and so on. In the last part, I turned every seventh stick.*



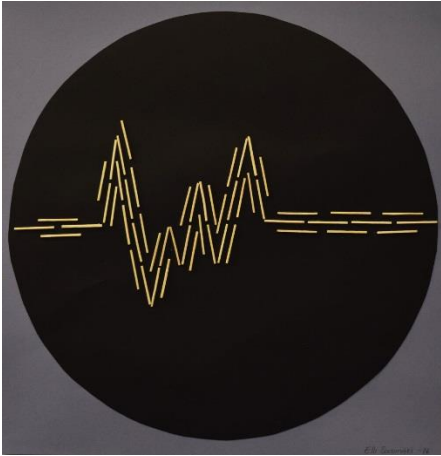
Rasmus Karlsson: *While working i just went with the flow combining few of my original ideas.*



Aapo Laine: *Star looks better when the square is turned sideways.*



Venla Rautiainen: *In every part of the picture zooms and the sticks cut in half.*



Elli Saramäki: *Life. It doesn't matter how many sticks you have, it matters how you use them.*



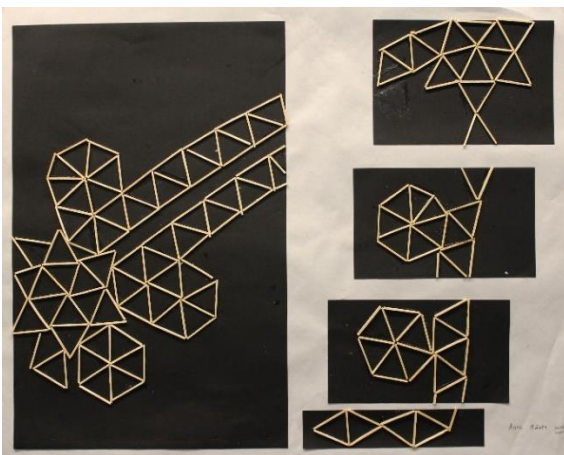
Viljami Punna:
The spiral, which has a diamond downstairs.



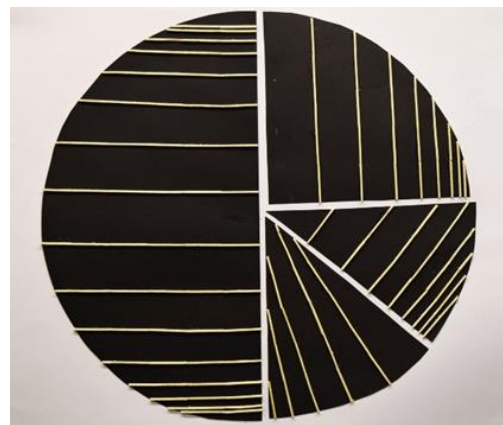
Atte Nieminen: *I tried several different patterns, and this looked the best to me. So I did it.*



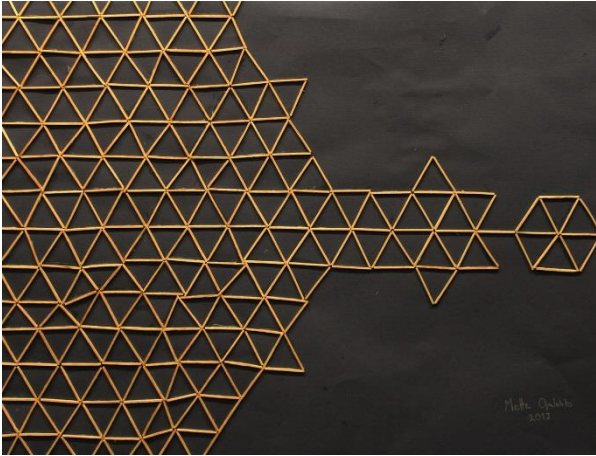
Vilma Maunonen: *I was inspired by Chinese letters, and I wanted to write the word "heaven" because it has beautiful meaning.*



Anna Mänty: *I just put triangles and hexagons in a row.*



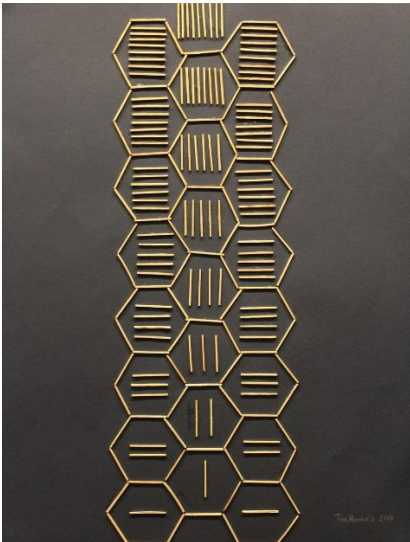
Noora Saarinen: *The distance of the sticks got smaller (about 1 cm) from circle's center point towards outlines.*



Mette Ojalehto: *I started with a hexagon which became a star. Then I just started adding more stars and this happened.*



Lotta Viinikainen: *I just did random pattern and continued it by putting the same exact amount of sticks on the other side.*



Tiia Honkala: *I decided to do this hexagon tower and the sticks inside of the shapes were growing one by one as higher the tower has got to be.*

Afterlife of the Artworks:

The artworks will be physically exhibited at KIKS project local closing event in May. The digital photos of the material will be shown at Bridges Waterloo 2017 Conference in Canada (www.bridgesmathart.org/bridges-2017) as part of the Children Art Exhibit curated by Jardin Gallery, New York and Experience Workshop, Finland.