Geometry for Halloween!

How geometrical shapes can be turned into an experimental ship or mathematical Halloween hats? Take a look into Viitaniemi School KIKS-group's project from Finland!



KIKS researcher, Kristof Fenyvesi came to our math class with a box filled with smaller boxes.



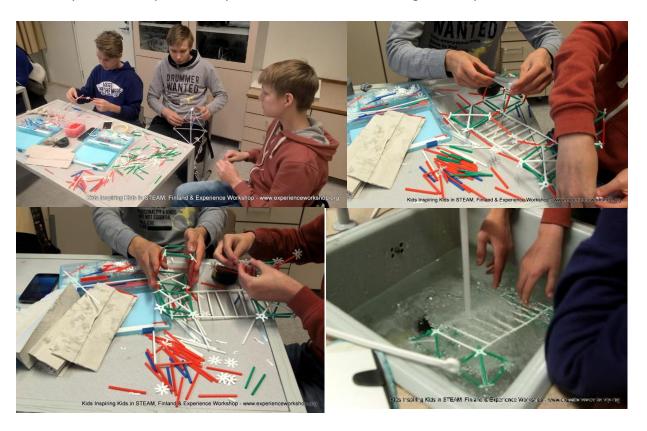
Those boxes contained 4Dframe geometrical modelling sets, a lot of little colorful tubes, which could be connected to each other to create an object.

You could choose from different instructions to make your object, which is based on Pythagoras' theorem.



Most people paired up so the construction would be easier and faster.

One group made a platform that could float on the surface of a body of water. It was a success until they decided to put duct tape on the bottom, which weighed the platform down.



The other groups made some cool hats, which probably was not their intention, but that is what it happened to result in. Based on the geometrical Halloween hat idea, we have organized a geometrical Halloween hat party for other students in our school. It was fun!



Report is based on the text and pictures of Emerald Kananen (Viitaniemi School, Finland).