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## Journey to the Land of Geometry

### Theater and mathematical educational project



The effect of children's work was the performance entitled „THE BOX”

The plot of the performance shows the adventures of several gnomes living in a box, which turns out to be a fairy-tale land of geometry.



The viewer sets off on a journey through this land and, together with the characters, learns about its geometric world: point, straight lines, curves, broken, horizontal, vertical, square, rectangle, circle, quadrangle, diamond, etc.



During the preparation of the performance, the children led, among others:

- **mathematical experiments** - measuring with tape measure and protractor;
- **artistic and technical** - creating scenery in the yard - experiments with cardboard and paper - creating geometric figures - including circle, square, rectangle, trapezoid, etc.
- **experiments with your own body** - using elements of sports acrobatics and circus pedagogy to create geometric figures in space;
- took part in **physical games with music, danced, arranged and sang songs about geometry.**



Learning through image and theater action teaches more than 1000 words read.