



Analyzing

The students spread the boxes flat first, and then they cut them in such a way as to obtain the nets of polyhedra.

- Each team of four receives two boxes (for example boxes that contained tea, toys or rice, etc.).
- Allow the children to play with their solids – to rotate them and spread them flat without any additional crumpling (using the existing folds only).
- Next, the students cut the solids in such a way as to obtain a net of a given polyhedron.



Instructions

Manual exercise

The students glue a dice model together.

In order to complete this task, you will need a net of a cube (included in the attached materials), scissors for each child and one tube of glue for each team. If you decide to include the coloring in the task, you will also need crayons.

You can suggest to your students that they imagine which faces of the dice will be opposite one another, and that they mark any such pair using the same color.



Instructions

Manual exercise

The students create three-dimensional shapes using drinking straws and plasticine.

Each pair (or team) will need the following items:

12 drinking straws (to construct the edges of the cube) and a portion of plasticine (to glue the structure together).