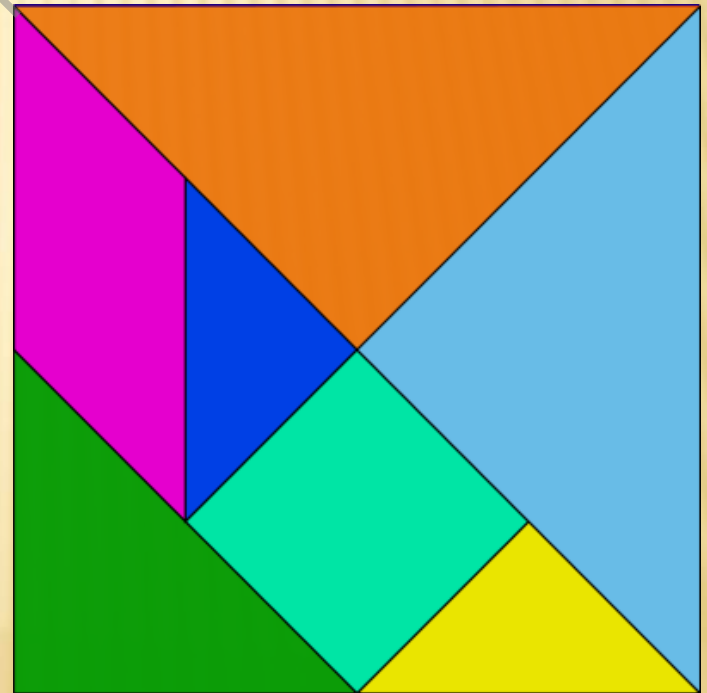


The use of tangram in remedial classes on the development of cognitive activity

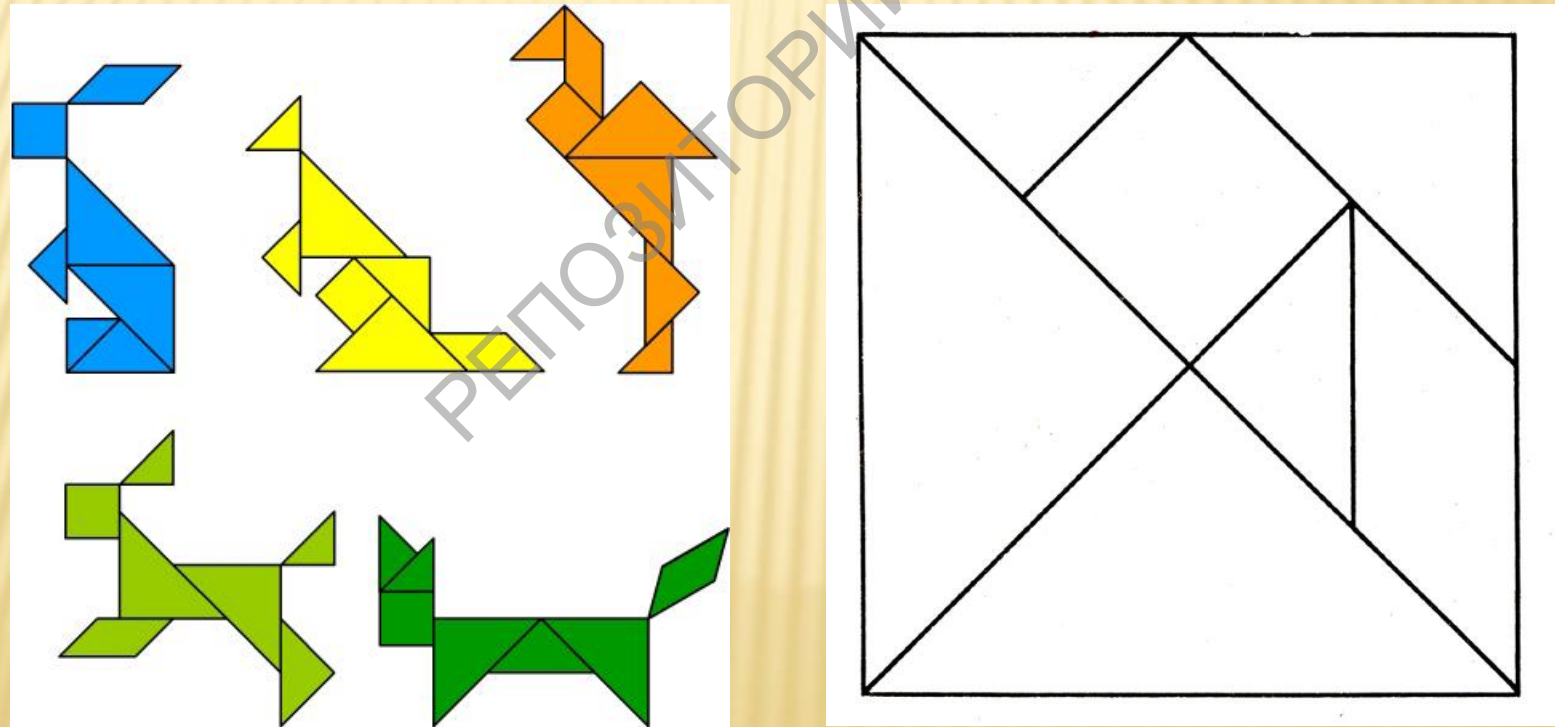
*Teacher of department
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Tangram is an ancient Chinese puzzle game. It originated 4 thousand years ago. There are about seven thousand different combinations.

From the cut pieces you can collect a variety of silhouettes of people, animals, household items, toys, numbers, letters.



Tangram - a game based on the solution of logical geometric problems for cutting. The original base body or figure is cut into a certain number of elements (tans). They create the source material from which you want to fold a particular shape.



Tangram contributes to the development in children of the ability to play by the rules and follow the instructions, visual-figurative thinking, imagination, attention, understanding of color, size and shape, perception, combinatorial abilities.

- Each assembled piece must include all seven tans;
- When constructing, tans are located each on a plane, it is impossible to put them on top of each other;
- Each tang must be adjacent to at least one side or top with another tang.

Tangram Design Forms

Design by sample

Design by model

Design by conditions

Design by illustrative schemes

Design by design

Subject construction

Modular design

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The stages of learning to design from tangram

First stage

The very first exercise with such a game is drawing up a figure from two or three elements. For example from triangles make a square, a trapezoid.

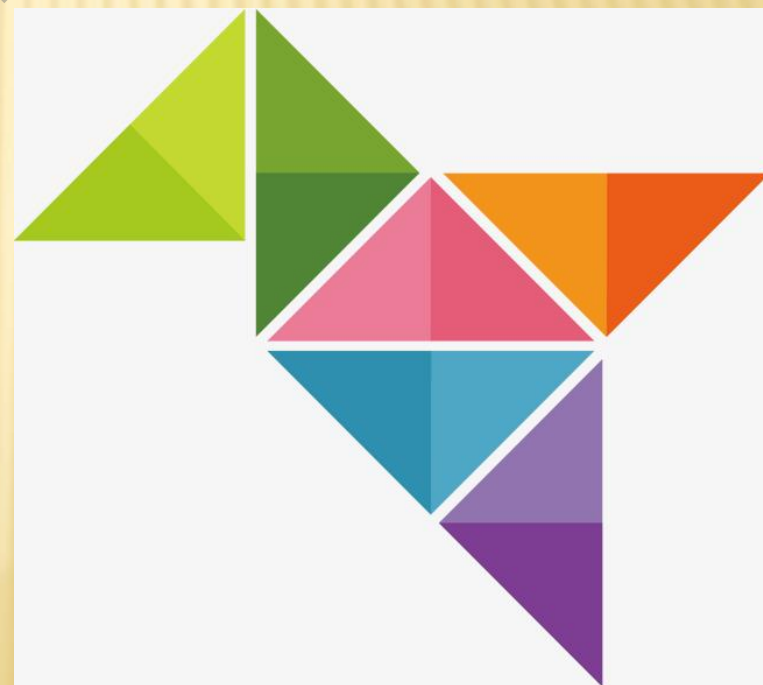
Second phase

After a few lessons and games with tangram, you can move on to the exercises for folding figures according to a given example. In these tasks you need to use all 7 puzzle elements.

Third stage

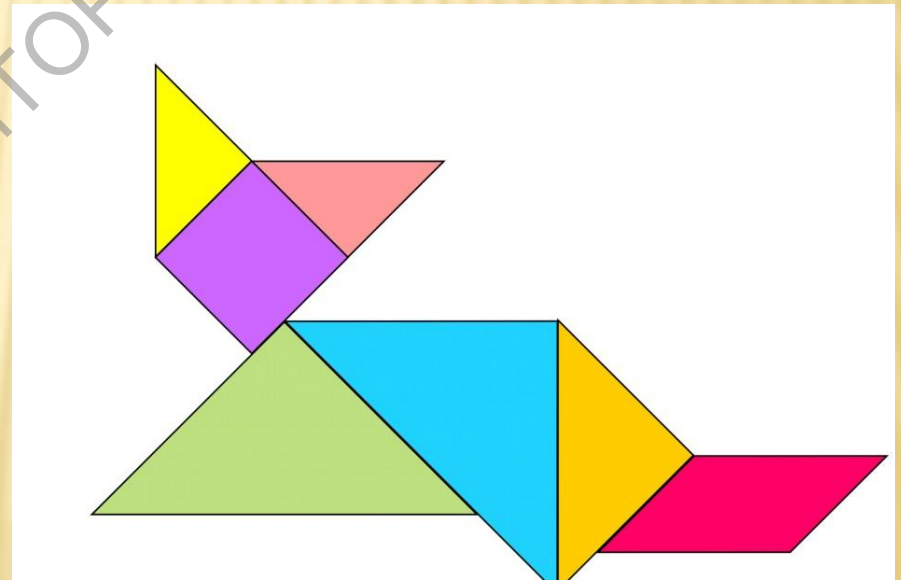
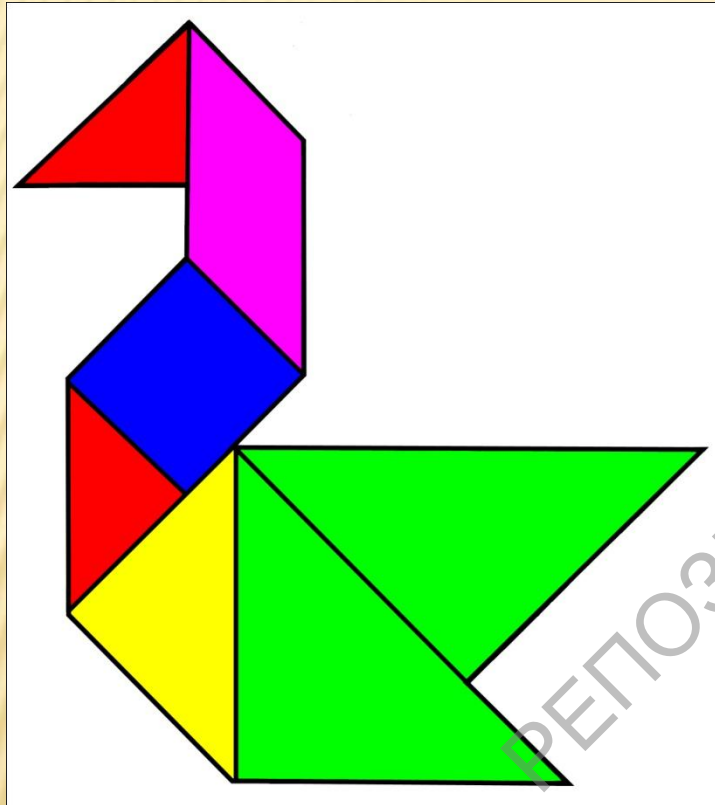
More difficult and interesting for children is the recreation of figures according to the patterns-contours. This is the third stage of mastering the game. The reconstruction of shapes along contours requires visual division of the form into its component parts, that is, into geometric shapes.

Examples of Tangram Figures



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Examples of Tangram Figures



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