

## TOOLS FOR HELPING TO DEVELOP THE LOGICAL SKILLS OF PRIMARY SCHOOL STUDENTS IN THE TEACHING OF GEOMETRIC MATERIALS

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**Annotation:** What are the tools that help to develop the logic skills of primary school students in the teaching of geometric materials? Select them correctly. How to use these tools? Which class is more effective? We answer the following similar questions from a scientific point of view.

**Keywords:** Logical thinking, geometric materials, tangram game, black table, imagination.

In accordance with modern requirements, the training of our youth as competitive personnel remains the highest goal of any society. Our state is creating all-round conditions for educating young people as highly educated, intelligent, independent-minded and innovative thinkers. Extensive use of these conditions is carried out in schools and preschools to increase the creative abilities of students[3].

If you are happy to see the reforms being carried out in our country today, such reforms are in the field of education, as well as the rise of high-rise buildings across the country. We would like to thank our staff for designing similar facilities.

At a time when the pace is accelerating, it is safe to say that the supply of educated personnel is the responsibility of educators[7]. Delivering creatively-minded young people will benefit both our state and our hardworking people.

Creative-minded, independent-minded, knowledgeable cadres do not appear by themselves. At present, all conditions are created in schools for students, and textbooks are equipped with various visual aids. Geometry also helps to improve students' logical skills. Although Geometry is not taught in primary school, its elements are taught in Mathematics. Students' geometric concepts are formed in elementary school. A variety of tools contribute to the formation of these creative abilities[5].

Students' mastery of geometry will be a great help to them in the future. Good mastery of geometry develops a child's logical and creative thinking skills[8]. There are also a variety of tools and methods to help elementary students develop logical skills in teaching geometric materials.

I can say that the game of Tangram is one of the tools that form the logical and creative thinking skills of primary school students. This game not only develops creativity in the child, but also the ability to think logically.



Figure 1.

Through tangram play, children are better able to form geometric images. Through this game, the child can clearly say the order and structure of the shapes, the names of the shapes. To form geometric shapes, we can also refer to the tangram black table. In this case, the child will not only have a geometric figure, but also to study the multiplication table. This tangram black table is especially good for second graders. Because with

a blackboard, elementary school students start learning from the second quarter of the second grade. This black table has both interesting and scientific basis and gives positive results to the child.



Figure 2.

The formation of logical skills in primary school students is also important in the teaching of geometric materials. This game helps the child to develop logical skills. Tangram black table is also one of the tools to develop logical skills in children[9]. There are a number of games that develop logical skills in teaching geometric materials to primary school students. Cubic rubik, Pramix and other similar games.

With these tools, logical skills are well developed in primary school students.

#### ABOUT GEOMETRIC SHAPES!

##### The point

Let's go to our yard today, sad outside the window.

I got a felt-tip pen, a pencil, and decided to draw the numbers.

I have a sheet in front of me, how white and clean it is[16].

Pierce in the middle of the sheet with a fmaster.

And a dot is taken on the sheet.

##### Line

Let the points be many, I will guide you through them.

By connecting the dots to the dots, I drew a dashed line[15].

The road, the curve, the winds, the road is called the line.

##### Straight line

My mom advised me to drive straight ahead.

How to draw a straight line - does not work[10].

Is my felt-tip pen lame or is my hand lost?

But it is very easy to draw a line with a ruler on a sheet of paper.

Look, it's a straight line, a straight line.

##### Angle (sharp, straight, sharp)

My mother picked up the paper and turned it around the corner.

Such an angle in adults is called right.

If the angle is already sharp, if it is wider, then it is sharp.

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I'm sharp - I want to draw, now I take it and draw[14].

I draw two straight lines from one point, as if two lights,

And we see a sharp corner like the edge of a sword.

And for the right angle, we repeat everything again:

We draw two straight lines from one point, but we separate them wider.

Look at my drawing, it's like scissors,

If we take two rings, we drive it to the end[13].

##### Triangle

The plane flies across the sky, the delta wing  
I have a triangular saddle on my bike  
There is such an object - a square and all this is a triangle.  
Then my mother put three matches on the table  
And he folded a triangular match for me[11].  
And at this time I was drawing and watching my mother,  
I tied three straight lines and did the same.

#### Pyramid

I saw the picture. In this picture  
There is a pyramid in the sandy desert.  
Everything in the pyramid is extraordinary,  
It has some kind of mystery and mystery[12].  
Spasskaya Tower on Red Square  
Both children and adults are well known.  
Look at the tower, the appearance is simple,  
What's on top of it? Pyramid!

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