

## THE DIFFICULTIES FOR 2<sup>nd</sup> GRADERS TO LEARN MATH

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**Annotatsiya.** Ushbu maqolada 2-sinf o'quvchilari uchun matematika fanining ahamiyati va matematika fanida o'quvchilarda uchraydigan muammolar yoritib berilgan.

**Kalit so'zlar:** matematika darslari, tanqidiy fikrlash, geometric topshiriqlar, sonlar nazariyasi, ehtimollik va statistika, og'zaki topshiriqlar, yozma topshiriqlar, logika

**Annotation.** This article highlights the importance of mathematics for students of the 2nd grade and the problems encountered by students in mathematics.

**Key words:** math lessons, critical thinking, geometric assignments, number theory, probability and statistics, oral assignments, written assignments, logic

**Аннотация.** В данной статье освещено значение математики для учащихся 2 класса и проблемы, с которыми сталкиваются учащиеся при изучении математики.

**Ключевые слова:** уроки математики, критическое мышление, геометрические задания, теория чисел, вероятность и статистика, устные задания, письменные задания, логика

Mathematics is the foundation of everything from money, buildings and roads to the internet, food production and even hospitals. It helps us to perform various important daily tasks. During the early childhood period, children learn and start to use countless math-related concepts. This acquisition happens naturally as the child interacts with his/her surroundings and people around. The important role of mathematics recognized Cockcroft (1986: 1), for example, he writes: "It would be very difficult – perhaps impossible – to live a normal life in very many parts of the world in the twentieth century without making use of mathematics of some kind." There are some reasons for learning math for children.

1. Helps develop critical thinking skills in children
2. Develops a healthy brain
3. Teaches children how to deal with failure
4. Helps children understand the world around them
5. Encourages children to be creative
6. Teaches children to make decisions
7. Increases self-confidence
8. Encourages children to be persistent
9. Helps children develop important life skills

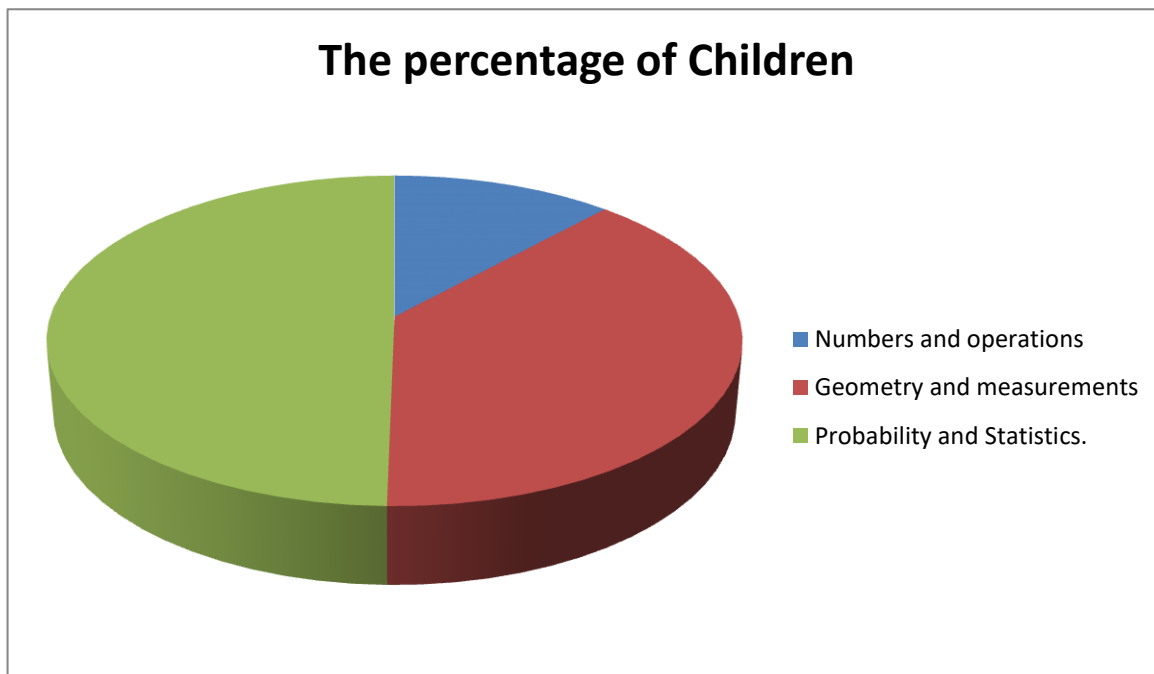
There are 2nd grade math content standards for math:

Numbers and operations;

Geometry and measurements;

Probability and Statistics.

This pie chart shows the percentage of children in 2nd grade at school No. 33 in Jonboy district of Samarkand region who are overcoming difficulties in mathematics lessons according to the sections.

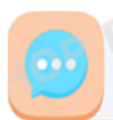


In numbers and operations, children must learn adding and subtracting numbers, three-digit numbers, the concept of multiplication, dividing the numbers, components of division is given.

In geometry and measurement, straight line, beam, section, flat surfaces, plane, angle, angle types, rectangle and square, properties of the angles of a rectangle and a square, making a right angle, properties of the sides of a rectangle and a square, making shapes on checkered paper, area concept, counting the area on grid paper, measurement units is learnt.

In Probability and Statistics, working on bugs, project, reverse operations, hours and minutes to inform participants, logical issues are given.

There are also some special problems in the book of second graders in each theme.



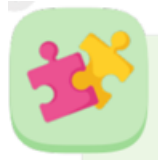
Oral assignments



Written assignments



Assignments completed in class



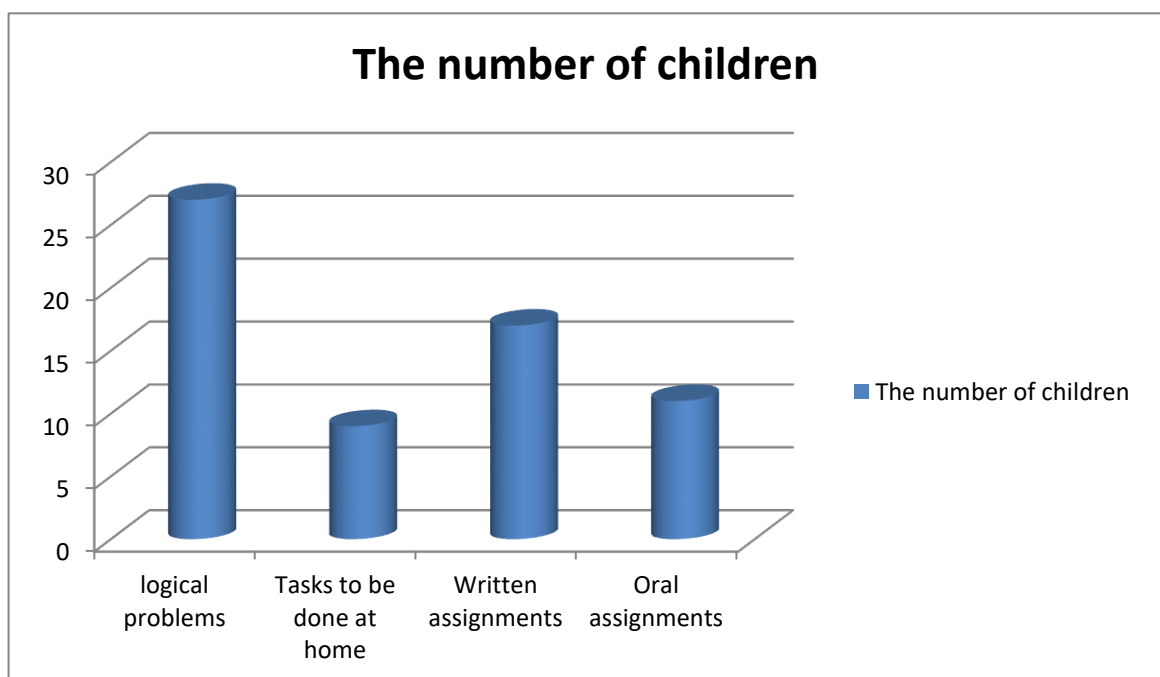
logical problems



Tasks to be done at home

It is normal for children to struggle with math. Math difficulties can manifest at different ages and in many ways. Many children face difficulties and obstacles in learning mathematics, both practical and emotional problems. Based on these problems, the teacher is tasked with solving learning difficulties, why they occur, and how to help children succeed in learning mathematics.

This bar chart shows the number of children in 2nd grade at school No. 33 in Jonboy district of Samarkand region who are overcoming difficulties in mathematics lessons according to the sections.



In order to overcome these tasks, teachers have several main tasks. First of all, it is necessary to overcome students' problems in solving logical tasks. A great way

to teach logical thinking in children is to ask them open-ended questions. Questions help children think on their feet to solve important problems. It also ensures that children express their views and opinions clearly.

In conclusion, it should be said that the role of mathematics in the development of children is incomparable. Understanding the problems and difficulties that arise in connection with this subject and finding a solution to them in time is considered important for the future of children to increase their interest in mathematics and to become educated.

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