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WHAT PLACE DOES MATHEMATICS PLAY IN OUR LIVES?

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Annotation: This article summarizes scientific ideas about the role of mathematics in human life, as well as the importance of Information Technology in mathematics.
Keywords: mathematics, learning, degree, talent, lesson, mindfulness, science, thinking.

In a time of rapid acceleration, the place of mathematics is incomparable. Mathematics is one of the main disciplines that develops critical thinking, problem solving and logical thinking, sharpening intelligence. Mathematics is considered a very difficult subject in the imagination of many. The application of this science to many issues found in our daily lives and the analysis of its solution shows that the science of mathematics has no limit. It is impossible to study other sciences, all processes and techniques in nature without realizing the fundamental essence of each concept of mathematics. The word mathematics is derived from the ancient Greek word mathema, which means “knowledge of the sciences”. In the present period, mathematics conditionally divides into two:

1) Elementary Mathematics
2) Higher mathematics.

Elementary mathematics is also a science with an independent meaning, which is based on elementary data from various sections of higher mathematics, namely theoretical arithmetic, number theory, higher algebra, mathematical analysis and the logic course of geometry. Higher mathematics is concerned with finding mathematical laws that fully and deeply reflect the spatial forms of the real world and the quantitative relationships between them. This subject was included in school textbooks from the first grade, taking into account the uniqueness of its place in our lives. So in teaching this discipline requires teachers to know the science well, to be able to use teaching methods. It is also necessary that he has a deep knowledge of pedagogy, psychology and other sciences. In this process, the teacher, as a dedicated professional, should enrich the worldview of students. As a profession, the teacher should be a genius of logic and be able to apply this logic in the lesson. In teaching science, the goal is to introduce the latest pedagogical and innovative methods, multimedia tools and information and communication technologies. It is necessary to connect this science with life more than theoretical knowledge, solve practical examples and issues, make it possible for students to independently research. Students should be able to use their knowledge in mathematics not only in the work of examples and issues, in preparation for exams, at home, in work activities, in trade,

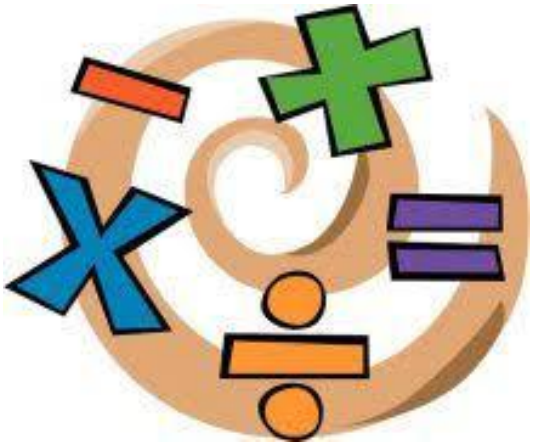
in art in all aspects of life. In fact, we pay with mathematics every day, every hour. For example, when we simply enter sales markets, we verbally calculate several types of equations at the same time.

The mathematical methodology answers the following three questions related to the educational process:

1) why study mathematics?
2) What to learn from mathematics?
3) How to learn mathematics?

The audience is limited by the ready-made knowledge that the teacher provides, the knowledge that the audience gives the teacher, since the students have received it ready-made. As a result, the teacher is an active participant, and the student is becoming passive. This causes independent training by students, mathematical development, poor critical thinking skills. To date, the media, computer technology, internet networks are making readers much more lazy to do accounting work. Simply arithmetic (addition, subtraction) steps are also being calculated on computers. This reduces agility, resourcefulness. To give up such situations, the reader must necessarily engage independently, work on himself. The main goals from the organization of independent work are the following:

1) to cultivate the interest of learners in different subjects at the same time:



2) develop positive abilities;
3) growing practical skills and competencies;
4) bringing mathematical terms to life;
5) orientation to scientific research work;
6) formation of oral accounting books in mathematics, etc.k

In conclusion, it is worth saying that it is necessary to train a student of the present day based on the requirements of today's times. Indeed, boys and girls born in the time of new technologies are distinguished by a number of their common qualities. At a time when our lifestyle, interests and desires become almost similar in the global space, the goal cannot be achieved with yesterday's teaching methods. Only when we keep up with the Times will we have the opportunity to educate a higher intellectual generation. It is the formation of Mathematical Thinking and mathematical culture in students. Each mathematical conclusion studied in mathematics lessons requires perseverance, which in turn is expressed by a huge number of mathematical concepts and laws. During the gradual study of these laws by students, their logical thinking develops, the cultures of mathematical inference improve.

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