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USE OF INNOVATIVE METHODS IN TEACHING MATHEMATICS IN PROFESSIONAL EDUCATION SCHOOLS

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Abstract: This article focuses on the current issues of teaching mathematics in professional educational institutions. Attention is also paid to the content of reforms and legal documents implemented in the field.

Key words: exact sciences, mathematics, innovation, professional education, presentation, knowledge, methodology

INTRODUCTION

Changing socio-economic conditions requires a qualitatively new level of personnel training. This can be achieved by moving to the path of innovative development that allows secondary vocational education institutions to increase educational efficiency. It should be noted that the development process of secondary vocational education is slowing down due to certain problems: the breakdown of traditional ties between educational institutions and enterprises, the outdated material and technical base of educational institutions, the lack of students the difficulty of choosing a basis for conducting practical training, the inability to provide full training of personnel with the necessary qualifications, the fact that educational institutions are not filled with managers and teachers who have professional experience in modern enterprises.

Education, including professional education, is one of the most urgent issues, especially in the period when the government of Uzbekistan is carrying out rapid reforms in the field of poverty reduction.[3]

In world experience, the following 3 tools are used, such as creating a permanent source of income for poor families, improving the quality of human capital, and direct support. will be done. [2] This is a direct result of education.

The reason is that the main part of the economically active layer is professional workers who are middle and lower level employees.

MAIN PART

Instead, didactic games are used in the process of teaching mathematics. The extent to which the lessons are organized depends on the teacher's creativity. Mathematical games, picture riddles add charm to daily lessons. Didactic games provide an opportunity to individualize the work in the lesson, assign tasks to each student's strengths, and develop his abilities to the maximum. Through the game,

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students strengthen the knowledge they have learned from the lesson and prepare to apply it to life.

Key words: Innovative methods, Proprietary technology, "Classic pairs" method, "Pair-pair communication" method, Puzzle method

At this point, a reasonable question arises as to what the concept of "methodology" means.

Methodology (Greek) is a set of methods or ways of doing something. In other words, teaching about teaching methods.[1]

As always, the lesson begins with an introductory part, in which the student is given brief basic information about the topic.

The first law, also known as the law of inertia, states that a body at rest remains at rest and will remain in motion unless acted upon by an external force.

New innovative ideas in the methods of teaching mathematics, the bold entry of computers and information technologies into our lives in recent years, the use of computers in mathematics classes to form students' thinking skills, and a detailed description of computer literacy, innovative approaches to teaching mathematics reach

At present, a great deal of experience has been accumulated in traditional education, and research is ongoing in the field of improving the traditional education method, but its objective possibilities are limited. The use of innovative technologies in practical training classes also requires great skill and knowledge from the teacher. The goal will be achieved if innovative technology is used in its place. The teacher can achieve high results by using private technologies during the lesson depending on the subject of the lesson.

PROPRIETARY TECHNOLOGY

it covers innovative systems that include a set of methods and means of implementing certain areas of educational content. This includes the technologies of teaching certain subjects and the technologies of the teacher's work with the student.

"CLASSIC PAIRS" ("CLASSIC TRIPLES")

In this, small cards are distributed to the participants, on which are written (printed) the names of classical or well-known concepts, surnames of people, heroes of fairy tales and folklore. For example: Classical pairs: Function - table Parabola - hyperbola Electron - proton Latitude - length Bisector - angle Newton - apple. Words are written in random order on a piece of paper, such as plus, parabola, length, angle, median, minus, function, hyperbola, table, etc. Students

Classic triads: Sun - air - water Minus - plus - modulus Median - height - bisector should find a classic pair or triad among these words, make them and justify this connection. The exercise can be conducted both individually and in small groups.

Reforms in the field of education, rapidly developing scientific and technical requirements, and the need of the society to train competitive highly qualified

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personnel, to form a mature generation, created a gap. It is possible to use other approaches in education. should be solved with 'li.

"PAIR COMMUNICATION"

method - to give a task (or separate tasks) to students sitting next to each other on a topic and invite them to find a solution to the problem (problem) presented in the task together, listen and evaluate the solutions.

In some cases, students may ask each other a question (problem) in turn. In this case, the question answer (problem solution) should be listened (checked) and evaluated by the student who asked the question (problem). It is necessary to be very careful when choosing a topic for working in pairs. This topic should be mastered by many people, otherwise it may not work in pairs.

Pazl ("Make a whole out of pieces") method in mathematics classes.

PASS

(English puzzle - a riddle, a puzzle) - the name of a children's game that consists in restoring a picture using its pieces. Therefore, the name of this method can be called in Uzbek language "Build the whole from pieces".

The basic information in the form of a basic sentence, formula, theorem, equation, drawing, etc. related to the topic covered is written on paper, and then divided into several pieces and mixed. Pupils find only one piece of information that corresponds to one piece of information and restore it. The basic information in the form of sentences, formulas, theorems, equations, drawings, etc., related to the subject, is written on paper and written in words. ng is divided into several pieces and mixed.

CONCLUSION

In conclusion, Newton's laws have greatly influenced our understanding of the physical world. Their legacy is evident in the fields of physics and engineering, where they continue to serve as the foundation for countless scientific breakthroughs.

In general, Newton's laws left an indelible mark on the scientific community and the whole world. Their lasting legacy bears witness to the genius of Sir Isaac Newton and his contribution to our understanding of the natural world.

In addition, Newton's laws influenced other fields of study such as astronomy and space exploration. Their principles played an important role in the creation of spaceships and space exploration.

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