

solving these tasks, it is possible to solve the city environment, new scientific and technical achievements and engineering measures in the field of engineering beautification of urban areas with a comprehensive study and consideration.

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APPLYING ICT TO CREATE AN INTERACTIVE ATMOSPHERE IN MATHEMATICS CLASSES

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Abstract: In this article it is discussed the role of ICT in teaching mathematics especially at schools. Moreover, here is given some steps to create interactive lesson with the help of the information and communication technology.

Keywords: External stimuli, educational model, cognitive interest, information and communication technology, training, education.

INTRODUCTION

Modern pedagogical and psychological sciences consider interest in various fields of human activity. A special role in this plays the development of cognitive interest. After all, it is cognitive interest, with proper pedagogical organization of student activity educational activity becomes a stable personality trait schoolboy and has a strong influence on its development.

Interest is one of the components of cognitive activity schoolchildren. Interest is a specific relation of a person to an object, caused by consciousness of his vital significance and emotional attractiveness [3, p. 42]. Cognitive interest is special the selective orientation of the personality on the process of cognition, its selective character to a particular subject area of knowledge [1]. Cognitive interest in mathematics is formed and

developed in learning process. The main goal of the teacher is to interest students in their subject. Successfully implement this the goal is necessary not only in mathematics lessons, but also in extracurricular activities.

External stimuli can cause a temporary state of interest, but may not have the necessary effect on the formation of sustainable aspirations of the student to master the essence of the material being studied. It is impossible to limit the interpretation of cognitive interest to external side of its influence on schoolchildren, understanding it only as a means learning. "The introduction of elements of animation in the content, methods and forms students' work in order to arouse or strengthen their cognitive interest, as a separate episode, can only contribute to this for a very short time "[2, p. 18].

MAIN FINDINGS

Immediate interest that does not change the internal plan the student's activities, their attitude towards learning, with the elimination of externally entertaining situation that generated this erratic interest quickly fading away.

Currently, educational institutions are building their activities in accordance with new requirements, take into account relevant trends, including those related to educational use process of modern equipment, in particular interactive whiteboard. Defining today the characteristic features of the new educational model, it follows note its continuity and manufacturability, dialogism, orientation the educational process not only on the content and logic, but also on the specifics perception of information. The key to success in solving the problem of building a new educational model is a radical re-equipment of the entire educational process based on latest information, communication and interactive technologies [4].

Modern computer technology allows the use of ICT and interactive technologies to a whole new level, increasing the effectiveness of the educational process. One of the main means of ICT in Learning are multimedia products. They allow you to represent educational information in a convenient and visual form, combine textual, graphic, video and audio information into a single product that can be introduced to students in a lesson.

We have developed an electronic methodological manual for 5 classes in topic: "Decimal fractions." This tutorial is used by a math teacher. to prepare for the lesson. Teacher can use detailed planning. lesson, a presentation is also attached to it. In the presentation to the theoretical lesson, the main definitions are given, historical background, examples of solving simple exercises, exercises for decisions by the whole class. In a presentation to a practical lesson, a repetition of the theory with previous theoretical lesson, mathematical dictation, exercises for solution on a blackboard and in a notebook.

The use of ICT in mathematics helps:

- enhancing the cognitive activity of students;
- development of variability of thinking;
- mathematical logic;
- the direction of students' mental activity in the search for and study.

EXPERIMENTAL PART

Consider a lesson using ICT as a means of development students' cognitive interest:

Lesson Topic: Rounding Numbers

1. Organizational part (5 min.).

2. Repetition of material covered (8 min.)

Independent work (verification immediately after completion).

Round the numbers:

- up to units - 867,049;
- up to tenths - 468.645;
- to whole - 650.357;
- to hundredths - 28534.697;
- up to units of thousands - 1536.728.

3. Search for applications for rounding numbers. Work with the press. (5 min.)

At this stage, the best option would be to conduct a practical work in groups or micro groups. Student Challenge: After Reading a Slice newspaper article say

where they came across in the text with a rounded number and what is it used for there.

4. Review acquaintance with new material (5 min.)

Summing up how relevant the reviewed

Today the topic is and where and how it can be applied.

5. Psychological gymnastics (2 min.)

Performing cotton exercises, for example, at the expense of "1" - cotton teachers, to the score "2" - cotton teachers, to the score "3" - cotton each present. The exercise is repeated several times until unity of sound is achieved, which indicates readiness for further work.

6. Problem solving using the "estimate" method (8 min.)

1) Do we always act strictly according to the rule? (oral task)

2) Please solve the problem proposed in slide 7 in writing. (Each student performs the assignment on their own, after a few minutes on a solution appears on the slide).

7. Commentary on homework (3 min.) Learn the theory (new types of rounding).

Select newspaper material proving the need rounding.

8. Closing conversation and summarizing the lesson (5 min.)

The materials developed by us can be used in the work mathematics teachers in 5th grades when studying the topic "Decimal fractions", and also students for independent work at home.

CONCLUSION

Students observed to have increased interest in classes, it has become easier to attract and retain the active attention of children, use of new equipment provides better interaction teacher and each student. Electronic Resource Helps Engage in the work of all children. You can quickly switch from one task to another, from visibility to a word and vice versa. The resource enhances the dynamics of educational process, helps students better absorb new information.

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SELF-AWARENESS STRATEGY

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Abstract: This article describes the content of the strategy of self-awareness, the importance of the strategy of self-awareness in the development of personality. Factors in the formation of self-awareness strategies were analyzed.

Keywords: self-awareness, self-awareness strategy, personality, competent personality.

Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated June 7, 2019 No 472 "On measures to further improve the system of training in the field of psychology and prevention of delinquency in society": "Despite the scale of work in the field of psychology there are still a number