



EFFECTIVE SCOPE OF INVESTMENT WORK USING INNOVATIVE TECHNOLOGIES AND MATHEMATICAL ALGORITHMS IN EDUCATION

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ABSTRACT

Its status and development trends to improve the quality of Education continuous monitoring and object of educational achievements of students and it is necessary to carry out an adequate assessment. This is especially the next of the readers general secondary education as a basis for personal and civil development the level is important. Public education in accordance with the decree "on measures for the organization of research" Organization of international research in the field of quality assessment of education in the system, establishment of international relations, research and innovation of students each of the activities primarily creative ideas and creativity of the younger generation Uzbekistan for the purpose of promoting and unilaterally applying State control over the quality of Education under the Cabinet of Ministers of the Republic International Studies on the assessment of the quality of Education in the Ministry of Education the National Center for implementation was established.

KEYWORDS:- Radical reforms, educational standards, curricula and programs.

INTRODUCTION

As a result of the radical reforms carried out in the field of education in our republic, it has the knowledge and skills at the level of World requirements, provides for the preparation of competitive personnel. The system of knowledge and skills learned from the

experience of developed countries in the state educational standards, curricula and programs developed for the purpose of carrying out these tasks is reflected in its creativity. Professional skills in this system also play an important role with its importance and scope.

The Republic of Uzbekistan is building a democratic legal state and an open civil society that ensures compliance with human rights and freedoms, spiritual renewal of society, formation of a socially oriented market economy, inclusion in the world community. The professional formation of the future teacher will depend on his role in the society, his duties and responsibilities in the educational institution, as well as on his individual abilities. The creative individuality of the teacher is determined by the level of development of its individual characteristics (the scientific composition of thinking, the creative approach to work, the desire to seize their opportunities, etc.). The psychological and pedagogical conditions of the development and improvement of the creative individuality of the future professional science teacher are manifested in the perception of dependence, and for their finding in the composition of professional terms, such as originality and purposefulness. A modern creative educator dreams not only of himself, but also of his life goals in the realization of one of the methods of reproduction (describing the

rest) of pedagogical activity and creativity.

The educational process never stands still and is gradually transformed by the emergence of new information technologies, teaching materials, items, the implementation necessity of which dictates the time itself and requirements of modern society. Innovative technology and design can greatly facilitate the work of teachers, students' education and monitoring for academic progress of children by their parents.

The word "technology" has Greek roots and is translated as a science, a set of methods and techniques of treatment or processing of raw materials, semi-finished products and converts them into commodities. The current understanding of the word includes the application of scientific and engineering knowledge to solve practical problems. In this case, information and telecommunication technologies can be considered technologies that are aimed at the processing and transformation of information. Most important modern ICT devices are computer equipped with appropriate software and telecommunications facilities with the

information they provide.

One of the newest and most effective inventions of recent years is **SMS-diary**, which provides parents with unlimited possibilities. This is online school diary, which allows parents to stay abreast of the learning process, review children marks, attendance, analyze statistics for certain periods, to know when a child has the most complex and important exams, tests. Peering into the modern school diary and seeing statistics of marks for any period of time, parents can make certain conclusions, first of all, respond to the negative signals. So, if a child receives low marks on any subject, parents can hire him a tutor or independently study with him.

The ability always know when a child has important tests and exams means a lot, because the basic formulas and rules can be repeated with the child, a day before a major test parents should put him to bed early, do not load up on household chores, making it possible to study, do not allow to play computer games for hours, etc.

SMS-diary gives parents the opportunity to

receive all information directly from the general educational institutions, bypassing teachers, other children's parents, etc. It is often even the most experienced and qualified teachers cannot provide complete information to parents about the progress of the child, to submit a distorted picture of overall ratings, which has nothing to do with reality. The SMS-diary only provides facts, analysis, and statistics without emotion, incomplete data, etc., so that parents make their own conclusions.

In addition to basic information on the marks and the main events in the school, in an electronic diary, a person can view information about the child's achievements at the Olympics, sports, etc., to get the specials for emergencies that require the presence of their parents. This is especially true when something happens with the child (injury to the physical training, fighting with classmates, etc.) and the parents should be notified first.

To the important inventions an **electronic textbook** relates – an automated training system that includes didactic, methodological and information materials on the subject



Accepted 23th July, 2021 & Published 30th July, 2021

matter, as well as the software that allows to observe them all for the self-production and control of knowledge.

In order the electronic book is popular, it must be universal, that is equally suitable for self-study, and for stationary training, complete in content, highly informative, brilliantly written and well-decorated. This book can be offered to any student, and it can be a great help for teachers in organizing their classes on self-study of students and conducting tests and examinations on individual subjects.

Thus, the use of modern innovative technologies in education is one of the most important and stable trends of the global educational process. Voice mail, e-mail, tablets – all these are essential student's assistants today that during right use will bring juicy fruit.

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