

USE OF SMART TECHNOLOGY IN EFFECTIVE ORGANIZATION OF TECHNOLOGY COURSES

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ABSTRACT

The article provides information about smart technology and its use in technology science classes.

Keywords: education, technology, specific, measurable, attainable, relevant, time-bound, smart boards.

INTRODUCTION

Recently - Smart university (being formed at MISI, OMSK, Perm, Kazan universities), - Smart house, Smart city, Smart village, Smart diagnosis, Smart education, Smart technology, Smart economy, Smart medicine, Smart cars, Smart televisions, Many new concepts like Intelligent Life, Intelligent World, etc. are being added to the vocabulary. In the USA, this decade, Smart - educational philosophy is intended to make a big revolution in education.

Various electronic environments and technologies used in education are called "Smart", even if only some of their aspects correspond to radically new requirements.

For example, a smart society is a new quality of society, in which technical tools, services, and the use of the Internet, prepared by people, lead to qualitative changes in the interaction of subjects who get a new effect: social, economic, and other opportunities for a better life. will bring.

Smart - The acronym Smart (intelligent, intelligent, technological) was first introduced in 1954 by Peter Ferdinand Drucker, an American scientist, economist, publicist, pedagogue, one of the 20th century management theorists from Austria.

A competent creative pedagogue is a master of his profession - a master pedagogue, a person with certain pedagogical skills. In order for the teacher to carry out his activities successfully in all situations, to popularize advanced pedagogical experiences, he constantly improves his knowledge and skills, regularly studies modern pedagogical and information technologies, advanced pedagogical experiences, methods and methods, and becomes professional. -develops pedagogical creativity and professional competences.

The use of innovative technologies in the development of creativity gives effective results. For example, "SMART technology" is currently a widely used phrase in the world of technology, Specific, Measurable, Attainable, Relevant, so derived from the abbreviation of This technology is considered as a technology that implements the creation of databases and

information systems aimed at informatization of training management processes, their use, provision of services and integration with other information systems.

In the course of our studies, we researched the organization of the popularization of advanced pedagogical practices by the teacher of technology education based on "SMART technology".

Specific (uniqueness, accuracy) - the fact that the popularization of advanced pedagogical experiences of the teacher of technology education is very important for the teacher's professional and pedagogical activity and has a clear goal to be achieved in the process of practice. As an achievable goal, the future teacher's ability to apply theoretical knowledge and practical skills in practice is tested. The ability to prepare, organize, and manage the lesson in a unique way is scientifically based on the possession of the information system and mechanisms.

Measurable (measurable) - the results obtained before and after the popularization of advanced pedagogical practices are compared based on the criteria. The development of professional-pedagogical creativity levels as a pedagogue is taken into account. During the popularization of the advanced pedagogical practices of the technology education teacher, the effectiveness is analyzed based on the criteria that determine the level of development of the teacher's professional and pedagogical creativity and the necessary conclusions are drawn.

Attainable (achievable) - the correct organization of the teacher of technology education based on the requirements established in the order of learning and dissemination of advanced pedagogical experiences and from the point of view of achieving the goal allows to achieve a predictable result. Studying and disseminating advanced pedagogical experiences first passively and then actively organizes the groundwork for good results. Each teacher draws appropriate conclusions on his professional activity in the analysis of his work experiences and conducting popularization work.

Relevant (dolzarb, liberalized) - as a result of popularization of work experiences, it is guaranteed that teachers will develop their professional and pedagogical creativity, increase their level of professional competence, get independent and free education and creative work on themselves in order to achieve professional acmeology. The final performance is provided by the degree of achievement of the goal.

Time-bound (fixed-term) - dissemination of advanced pedagogical practices of technology education teachers is achieved in a systematic and consistent manner. Exact deadlines for the work to be performed during the promotion are determined. Timely and effective completion of each assignment is monitored by the teachers assigned to the "Master-Apprentice" system. The results of popularization are saved and implemented in practical activities.

"SMART technology" technology was more relied on in the development of educational tasks for the technology education teacher to study and popularize advanced pedagogical practices.

We see the formation of the technology education teacher's study and popularization of advanced pedagogical practices on the basis of the "SMART technology" technology:

Why do we need the formation of popularization of advanced pedagogical practices of technology education teachers?

Through popularization, the teacher becomes a mature specialist of his profession.

Dissemination of advanced pedagogical practices improves the professional competence of teachers.

Technology education teacher relied more on Smart technology in the development of educational tasks related to the popularization of advanced pedagogical practices.

Smart education technology for teachers is an association that implements education through a single Internet network based on agreements and technologies. Smart - does not prepare for society. In turn, it is impossible to carry out innovative activities without Smart technology. If education lags behind in this direction, it will slow down and freeze. The transmission of educational lessons using Smart Boards, an interactive display - Sympodium, allows the lecturer to create presentations during the course of the lesson itself. It is possible to write on the interactive Smart Boards with special markers, display educational materials, give written comments on the image on the screen, save the written information on magnetic carriers, print them, and send them to the e-mail of a student who does not come to class. During the lecture, the educational material created on the Smart Boards can be recorded on the built-in video card and reused many times. With the help of the Synhron Eyes software package, the teacher can monitor all students, display and block students' work monitors, send educational materials, textbooks, tests and control the process using the interactive whiteboard.

In addition, the involvement of technological education teachers in the development and implementation of educational projects related to the popularization of advanced pedagogical practices had a good effect. The ability to implement a generalized algorithm of design through the development and implementation of educational projects, to promote the idea; indicate the problem, set the goal and express the tasks of solving it; reasoned choice of convenient methods and means of achieving the result; collaborative planning and distribution of project responsibilities; formalizing the results and conducting their general presentation; performs self-assessment and reflection.

Preparation of projects requires more independent work from teachers. In this process, they are involved in large-scale design processing.

The organizational-methodical component of the "Smart technology" technology makes it possible for the teachers of technological education to develop the competence related to popularization of advanced pedagogical experiences.

The development of creativity in the study and popularization of advanced pedagogical experiences, the use of SMART technology gives effective results.

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