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## SOME PROBLEMS ENCOUNTERED IN TECHNOLOGY LESSONS

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### Abstract:

This article discusses some problems that are important in improving the effectiveness of technology teaching in general secondary schools and in the development of science in the process of organizing technology lessons.

**Key words:** technology teachers, professional skill, problem, science of technology, general secondary schools, competence.

Improving the efficiency of the technology process is of great importance in the fulfillment of the social order placed before general secondary educational institutions in our republic to prepare students for effective work in various sectors of the national economy and for the conscious choice of professions.

In this regard, the President of the Republic of Uzbekistan, Shavkat Mirziyoyev, at a meeting devoted to the reform and development of the general secondary education system, said, "It is necessary to raise the quality of general secondary education to a new level. State educational standards and curricula should be revised based on what children need to know in each grade. It is necessary to create and publish textbooks based on the most modern methods, to strengthen the directions of technology and engineering sciences in schools, and to re-equip laboratories for these sciences. It is also necessary to pay attention to ensuring coherence with preschool education and higher education systems," he said.

In order to fulfill this task, in order to increase the quality and effectiveness of the technology teaching process, the technology teacher is required to improve his professional knowledge, skills and abilities, as well as the achievements of pedagogy, psychology, and methodological sciences at the level of dynamically developing pedagogical process requirements. , requires the acquisition of excellent knowledge and skills in modern techniques and advanced technologies, production and market economy relations.

It is determined that one of the urgent tasks is to create the theoretical and practical foundations of the process of developing the constructive-technological competence



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of the technology teacher, the knowledge, skills and competence of mechatronics, electronics, robotics, which have been included in the textbooks in recent years. In this regard, the achievements and shortcomings of the technology teacher in organizing and conducting the educational process based on the requirements of general secondary education state educational standards, professional skills and etc., to determine the didactic conditions of the process of improving the complex and multifaceted activity, to control it, to develop a control methodology based on the optimal selection of its form, type, methods and tools, to enrich its content the analysis of the work demands that all activities implemented in this regard be organized on a scientific and methodological basis.

Currently, developing countries around the world are paying serious attention to the development of electrical engineering, electronics, robotics, automated industrial production based on new techniques and advanced technologies from agricultural production to industrial production. The technical potential of specialists plays an important role in the development of production. The initial technical skills of specialists working in the field of production are formed in the technology classes of general secondary schools.

As can be seen from the above points, the elimination of problems in the development of technological science is one of the important factors for achieving the goal. It was found that there are the following problems in the effective organization of technology education:

1. The science of technology has a low prestige, it is not considered among the necessary sciences.

Currently, general secondary education schools have a low regard for technology. There are also cases where the technology teacher and students are involved in public and cleaning work of the school with the idea that it is necessary to "do work" in technology. In developed countries, the science of technology is a science that develops students' creativity. Production is one of the most lagging sectors in our republic.

The qualifications of our personnel are not sufficient for the production of competitive products, taking into account that the basic knowledge for the formation of a group of modern specialists is formed through the science of technology, in order to eliminate these problems, the technological process must meet the requirements of the time, based on world standards, taking into account the available



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opportunities and conditions. it will be necessary to modernize both content and structure.

2. Methodical supply. Insufficient methodical support for teachers and students in general secondary educational institutions.

The lack of methodical support in general secondary educational institutions should not be determined only by the given textbook. Nowadays, the sites have developed a lot, there is not enough information about technology on the Internet. It would be appropriate if our pedagogic scientists working on science work on separate sites related to technology and contribute to the reputation of science based on the nature of science. When it comes to methodological support, we should not limit ourselves to textbooks, but we should publish literature that meets the needs of the times regarding the development of the competence of students and teachers in the field of technology.

3. Inadequacy of the material and technical base.

The material and technical base of general secondary schools does not adequately meet the requirements of training workshops in most educational institutions. In order to raise the prestige of the science of technology and to change its content, it is necessary to pay attention to enriching students with a material and technical base aimed at developing modern technical and electronic skills in their practical activities, instead of relatively expensive materials.

4. The lack of professional competence of technology teachers.

We can see that general secondary education schools in the republic are insufficiently equipped with technical teachers and have very low performance in terms of categories. In today's rapidly developing era, teachers should be aware of new educational technologies, information and communication technologies, organize training in an interesting way, achieving goals and high results. This, of course, requires high professional competence.

In addition, we can see that technology science has been formed as a second-level science, and this science has been mastered by teachers of other subjects, that is, by non-specialist teachers. First of all, we need to change our views on the science of technology, and for this we need to develop a mechanism to increase the prestige of science.

5. Insufficient hours allocated for technology lessons for career guidance.

Enriching the content of the science of technology with topics aimed at forming basic skills in the fields of electrical engineering, robotics, electronics and



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automation based on the requirements of the time, while preserving the content of the basic labor skills given in the current DTS and educational programs, expanding the topics it is necessary to modernize the content. Also, if we take the gas processing technology, the topics are given in a narrow scope, it is appropriate to shorten the chapter on the basics of cooking in the direction of service, and add additional topics from the gas processing technology. The basics of cooking are one of the areas that a child can master independently. The President of our Republic said that "children should learn a trade from the 7th grade." If technology plays the main role in vocational training, we can see that the hours allocated for this subject are not enough.

In conclusion, we can say that now, when analyzing the education system of a number of developed countries, we can see that serious attention is being paid to the technology process. It is proven that the development of the country depends on the production sector, and the development of the production sector depends on the skills of specialists. The attention paid to the science of technology creates the ground for the development of students both mentally and physically in the future, the development of automation, electronics, robotics in the production process in society, and the formation of a group of modern specialists.

### Reference

1. "The task of raising the quality of general secondary education to a new level has been set",, <https://xs.uz/uz/post/umumij-orta-talim-sifatini-yangi-bosqichga-kotarish-vazifasi-qojildi>.
2. Muslimov N.A. "Theoretical and methodological foundations of professional training of vocational education teacher". Ped. science. doc. ...dis. - T.: TDPU, 2007. – 315 p
3. Muslimov N.A., Kuysinov O.A., Abdullayeva K., Gaipova N., Karimova N., Kadirov M. "Technology of formation of professional competence of teachers of vocational education". Monograph. -T.: "Science and Technology", 2013. -128 p.
4. Sanakulov H.R., Khodiyeva D.P. Satbayeva. "Methodology of work and its teaching". Textbook. -T.: -TDPU. 2015.
5. Kuysinov O.A. "Technologies of development of professional and pedagogical creativity of future teachers based on a competent approach". Diss. ... ped. science. doc. (DSc). -T.: 2018.
6. N.A. Muslimov, Sh.S. Sharipov, O.A. Kuysinov. "Methodology of labor education and training, guidance for choosing a profession". Textbook.-T.: "Publication of the National Society of Philosophers of Uzbekistan" 2014.

