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## METHODOLOGY FOR IMPROVING STUDENTS' INDEPENDENT LEARNING AND COURSEWORK IN HIGHER EDUCATIONAL INSTITUTIONS BASED ON INNOVATIVE TECHNOLOGIES

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### ABSTRACT:

This article dealt with the issues of improving the methodology of using electronic educational resources in the process of organizing independent education in the e-learning environment of students using methods of observation, comparative analysis, modeling, survey.

**Keywords:** Innovative technologies, competence, creativity.

### INTRODUCTION

In the world, the development of mechanisms for the effective use of hybrid educational models in the development of didactic and methodological competence of future pedagogues, the development of independent educational tasks in the educational process of pedagogy through methodological training, special attention is paid to the content and level of usefulness of independent tasks in scientific literature. In particular, the development of practical-methodological and scientific methodological support for the development of methodological competence of students in targeted education, the development of a pedagogical and methodological system for the adaptive application of traditional and non-traditional forms of distance and independent learning in the areas of pedagogical education are of great relevance.

**The main part.** Our article is a very important and interesting topic, and in order to improve the methodology for developing students' independent learning based on innovative technologies, you should pay attention to the following areas:

**The content of independent learning:** Determining the purpose and content of independent learning. This will help students to provide the necessary information, develop their assimilation and practice.

**Choosing innovative technologies:** Learning how to effectively use innovative technologies (for example, interactive textbooks, online lessons, application-based learning, etc.) in independent learning and implementing the methodology.

**Individualization of the learning process:** The progress, abilities and assimilation of each student may be different. Therefore, in the methodology of independent learning, it is necessary to develop an individual approach system based on the requirements and desires of students.

**Practice-based learning:** It is important to use effective methods to translate theoretical knowledge into practice and to challenge students to test their knowledge in practice. This includes the effective use of technical tools.

**Monitoring and evaluation:** Implement a monitoring and evaluation system to assess the level of student mastery, knowledge and skills. This helps teachers to track students' knowledge and development and provides examples of their own opportunities for program improvement.

**Teacher training:** In developing the methodology of independent learning, it is very important to allow teachers to improve their knowledge of new technologies and teaching methods and to develop them.

**Collaboration and outreach:** Collaboration and outreach between teachers, students, parents and administration will be an important part of conducting teaching and research.

Based on these directions, it is very important to take steps to improve the methodology for developing independent learning of students based on innovative technologies. They will help improve students' learning and update their teaching methods.

**Article title:** Methodology for developing students' independent learning, educational tasks based on innovative technologies.

**Current situation and problems:** The educational process, specific situations and the latest developments in the world are creating new opportunities for students and teachers. Independent learning allows for self-mastery, it is very important to develop educational tasks based on innovative technologies. This methodology will help to further develop the pedagogical style and make the learning process effective and interesting for students.

**Innovative technologies and educational tasks:** Innovative technologies (for example, interactive textbooks, online lessons, application-based learning, virtual teacher platforms, etc.) can make the learning and explanation processes of educational tasks more effective. These technologies create opportunities for students to develop their authorship and imagination, analysis and responsibility, transfer knowledge into practice, and develop computer programs.

**Methodology development system:** The methodology should be based on the individual management of the learning process based on the needs and desires of students and teachers. This includes the development of learning tasks based on innovative technologies, monitoring and evaluation of the learning process.

**Practice-based education:** Effective methods should be used to transfer theoretical knowledge into practice and to challenge students to test their knowledge in practice, using innovative technologies. This ensures the development of students' critical thinking, authorship and discussion skills.

**Virtual tutoring platforms:** These platforms allow students to receive individualized instruction and determine their own learning paths. For example, platforms such as Google Classroom, Microsoft Teams, and Moodle help students create electronic assignments, conduct webinars, and deliver presentations.

**Interactive textbooks and apps:** Interactive textbooks and apps are one of the most important tools for making the learning process more interesting. They help students learn and retain

information. These apps also help students create interactive tests and develop their analytical and thinking skills.

**Compliance and security:** When students learn on online platforms, personal information must be protected. This is of great importance in the field of compliance and security. It is very important to encrypt student information, protect personal information, and use online identification methods.

**Quick communication and support:** Students should be provided with safe and fast ways to seek advice and assistance during the learning process. Students should be able to contact teachers or programs for support via online chats, e-mail or phone numbers.

This additional information is important for improving and developing the methodology for developing students' independent learning and educational work based on innovative technologies.

**Results and final consequences:** When the methodology is implemented and students' mastery and knowledge are developed, their mastery and abilities effectively increase. This allows students and teachers to update the methods of self-study and learning of independent learning.

## CONCLUSION

New directions have been opened for the methodology, pedagogical methods and technologies for developing students' independent learning and educational work based on innovative technologies. This helps to make the process of students' acquisition and development of knowledge effective and interesting. This methodology is important for helping students develop their own learning and put learning tasks into practice.

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