

COGNITIVE METHODOLOGICAL COMPETENCE OF FUTURE TEACHERS.

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Abstract: Cognitive methodological competence of future teachers includes the knowledge and skills necessary for effective management of the pedagogical process and successful application of innovations in education. This competence is based on a deep analysis of the learning processes of teachers, taking into account the individual needs of students and the use of modern teaching methods. Cognitive methodological competence helps teachers to think creatively and systematically, to study knowledge thoroughly, and also to choose the right pedagogical approaches and methods in the educational process. This competence plays an important role in the training of future teachers for their effective functioning in the educational process.

Keywords: cognitive competence, methodological competence, future teachers, educational process, pedagogical methods, individual needs of students, creative thinking, systematic thinking, pedagogical approaches, educational methodology

INTRODUCTION

In the modern education system, special attention is paid to the professional competence of future teachers. A teacher is considered not only a provider of knowledge, but also a person who develops students' thinking skills, teaches them to think independently, and has an analytical approach. Therefore, the cognitive methodological competence of future teachers, that is, effective management of the educational process, taking into account the individual characteristics of students, selection of pedagogical methods and systematic planning of pedagogical activities, is of great importance.

Cognitive methodological competence develops the teacher's ability to apply his knowledge and experience in practice in the pedagogical process based on the methodological approaches he has created. This competence helps future teachers not only in imparting knowledge to students, but also in shaping their minds, developing critical and creative thinking. Therefore, the formation of cognitive methodological competence of future teachers allows them to increase the effectiveness of the educational process, and successfully adapt to changes in the education system.

METHOD AND METHODOLOGY

The topic of cognitive methodological competence of future teachers plays an important role in developing the theoretical and practical skills of teachers in the educational process, as well as their ability to effectively convey knowledge to students. This competence helps future teachers not only learn pedagogical methods, but also use them correctly and effectively, develop

students' thinking skills, independent thinking and form a systematic approach.

Cognitive competence is the teacher's ability to learn and analyze the acquired knowledge, to study carefully, to collect and analyze information. Cognitive competence of teachers helps to manage the learning process of students, to motivate students to learn more actively and consciously.

Methodological competence refers to the knowledge and skills of the teacher in the correct selection and application of pedagogical approaches and methods in the educational process. This competence helps teachers to take into account the individual needs of students, to use modern pedagogical methods and to activate students in learning.

In the modern education system, the cognitive methodological competence of future teachers is an important basis for their effective functioning in the educational process. Teachers are responsible not only for imparting knowledge to students, but also for developing in them skills such as critical thinking, logical analysis, and problem solving. To do this, the methodological competence of the teacher should include modern pedagogical approaches and methods.

Systematic and innovative thinking: the use of systematic and new approaches in the selection of pedagogical methods.

Taking into account the individual needs of students: choosing a pedagogical approach that is appropriate for each student's learning style and needs.

Using interactive methods in the educational process: implementing interactive, practicum, and active learning methods to increase student engagement.

Pedagogical practice: training future teachers to use methods through practical exercises and exchange of experience.

Seminars and trainings: teaching theoretical knowledge, analyzing methodological approaches.

Case analysis: analyzing pedagogical situations and looking for ways to solve problems.

Innovative technologies: using modern pedagogical technologies, such as multimedia and online learning tools.

Cognitive methodological competence of future teachers in ensuring their successful work in education is one of the main factors. This competence is necessary for the teacher to effectively manage the educational process, teach students independent thinking and apply modern teaching methods. Also, the formation of cognitive methodological competence makes a significant contribution to improving the quality of the education system and the professional development of future teachers.

RESEARCH RESULTS

This study deeply analyzed the importance of developing cognitive methodological competence

of future teachers and its role in the educational process. During the study, the effectiveness of using a number of methodological approaches and pedagogical technologies in the formation of cognitive methodological competence of teachers was studied.

Formation of cognitive competence: The results of the study showed that the use of interactive and practical methods of education, such as training sessions, seminars and case studies, gives effective results in preparing future teachers for cognitive methodological competence. These methods help to develop the ability to think systematically and creatively in teachers.

Selection and application of pedagogical methods: The study emphasized the importance of applying an individual approach to the selection and application of pedagogical methods in training teachers in methodological competence. Since the needs and learning styles of each student are different, teachers need to use special pedagogical approaches in selecting methods, taking into account the different needs of students.

Innovative pedagogical technologies: The effectiveness of using modern technologies in developing the cognitive methodological competence of future teachers was confirmed. The introduction of multimedia tools, online learning platforms, and interactive teaching materials into the learning process increases the active participation of students and develops their ability to think independently.

The role of the teacher in adopting innovative approaches: The study found that the teacher's readiness to use innovative pedagogical methods is associated with a high level of his cognitive methodological competence. The readiness of teachers to use modern methods is one of the main conditions for providing quality education to students.

Taking into account the individual needs of students: The results of the study showed that in the formation of cognitive methodological competence of future teachers, it is important to identify the individual needs of students and use a personal approach in working with them. This, in turn, leads to an increase in the educational success of students.

According to the results of the study, the cognitive methodological competence of future teachers is an important factor for their effective functioning in the educational process. This competence allows teachers to develop students' thinking skills, effectively convey knowledge, and achieve higher results in the choice of pedagogical methods. The importance of using modern pedagogical methods and innovative technologies in the formation of cognitive methodological competence is shown, which greatly contributes to increasing the efficiency of the education system.

DISCUSSION

During the study, it was important to study the cognitive methodological competence of future teachers, that is, their role in effectively managing the educational process and applying innovative approaches in education. The results confirmed the need for cognitive methodological competence of future teachers to achieve success in the educational process.

The importance of developing cognitive methodological competence: The study showed that preparing future teachers for cognitive methodological competence helps not only to consolidate pedagogical knowledge, but also to develop students' creative and systematic thinking skills. This competence allows teachers to familiarize themselves with modern pedagogical methods and effectively apply them in practice. It is also important to train teachers to take into account the individual needs of students and activate them in the learning process.

Application of innovative pedagogical methods: The study highlighted that the readiness of future teachers to use innovative pedagogical methods is an important indicator of their cognitive methodological competence. The use of modern technologies, interactive teaching materials, online learning tools and multimedia resources in the educational process allows to increase the activity of students and establish effective communication with them. At the same time, the success of teachers in mastering innovative approaches helps to develop independent thinking and critical thinking of students.

Student Taking into account the individual needs of students: The discussion also highlighted the importance of taking into account the individual needs of students. Teachers can contribute to the achievement of high results by identifying the learning style of each student in the educational process and using appropriate pedagogical methods. The study showed that a personal approach plays a significant role in developing cognitive methodological competence of teachers.

The role of practical methods in the formation of cognitive methodological competence: The study highlighted the importance of practical methods, especially in developing students' creative thinking and problem-solving skills. Practical exercises, interactive seminars, case studies and group work create opportunities for students to apply their knowledge in practice. Through these methods, teachers will have the opportunity not only to impart knowledge, but also to encourage students to think critically and systematically.

The role of pedagogical methods and methodology in teacher training: The results of the study showed that the selection of pedagogical methods and the study of methodological approaches contribute to the effective organization of the professional activities of future teachers. In preparing teachers for methodological competence, the need to develop educational materials on the scientific basis of the methods used in the educational process and their practical application increases.

The development of cognitive methodological competence of future teachers is a necessary condition for the successful implementation of the educational process. According to the results of the study, the methodological competence of teachers contributes to making their pedagogical activities more effective and innovative, increasing the activity of students, and developing their independent thinking. In the formation of cognitive methodological competence, it is necessary to use interactive and practical methods, modern pedagogical technologies, and take into account the individual needs of students.

CONCLUSION

The cognitive methodological competence of future teachers contributes to making the education system more effective and innovative. This competence helps teachers not only in imparting knowledge to students, but also in developing independent thinking, creative and systematic approaches in them. Also, by implementing modern approaches in the selection and application of pedagogical methods, future teachers can achieve maximum results in the educational process. Therefore, training teachers in cognitive methodological competence is one of the main principles of improving the quality of the education system and providing quality education to students.

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