

PREPARATION OF FUTURE PRIMARY SCHOOL TEACHERS FOR RESEARCH-BASED LOGICAL TEACHING OF PRIMARY SCHOOL CHILDREN

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Abstract. The article describes the importance of developing research skills of future primary school teachers in the work of organizing research-based learning for schoolchildren. The organization is based on identifying the level of students' cognitive abilities and developing on their basis the skills of independent acquisition of knowledge and engaging in research activities.

Keywords: junior school student, inquiry-based learning, teacher, research, method.

INTRODUCTION

The profession of a primary school teacher requires that he or she possess many skills and abilities that help to conduct classes in an interesting and productive form. Among them, a special place is occupied by inquiry-based learning, which plays an important role in the development of logical thinking and creativity of primary school students. Therefore, special attention should be paid to teaching future primary school teachers the skills of inquiry-based activities and developing their competencies in this area.

Inquiry-based learning is the search for knowledge based on independent research, experiments, analysis and conclusions. This is a discipline that encourages primary school students to seek new knowledge and look for answers to their questions, as well as test their hypotheses. Thus, inquiry-based learning develops not only logical thinking, but also many other skills, such as the ability to work in a team, analyze information, develop critical thinking, etc.

MATERIALS AND METHODS

To be a successful primary school teacher, you need to have deep knowledge of inquiry-based learning and know how to apply this knowledge in practice, taking into account the specifics of working with young children. For example, the organization of inquiry-based activities should be adapted to the age characteristics of children, taking into account their level of development and interests. In addition, it is important to take into account the individual psychological state of each child and create conditions for a personality-oriented approach to them. To prepare future primary school teachers for inquiry-based

learning, it is recommended to use modern teaching methods and technologies. Students can learn inquiry-based learning methods in the format of interactive classes and seminars. It is recommended to organize practical classes with the participation of younger students so that students can see all the complexities of organizing inquiry-based activities in practice [2].

RESULTS AND DISCUSSION

An important component of preparing future primary school teachers for research-based teaching of younger students is the creation of special training programs that would include all the necessary components. Such programs should include modules devoted to various types of research activities, as well as modules focused on the interaction of the teacher and students. Such programs may include modules devoted to conducting research projects, organizing research electronic diaries, etc.

Preparing future primary school teachers for research-based teaching of younger students is an important task of modern pedagogical science. Teaching teachers this discipline will help not only improve the quality of education, but also create conditions for revealing the creative potential of younger students, which will contribute to their successful development in the future.

One of the key principles of research-based teaching is the active participation of children in the learning process. They should not only take a passive part in the lesson, but also actively participate in its implementation, create their own projects and explore their world independently. The teacher should become a mentor and partner for the child, and not just a dictator. He/she should help children find their own answers to questions, guide their research and motivate them to achieve new results. An important parameter in the development of inquiry-based learning is the creation and support of special conditions for conducting classes. The teacher should create the most comfortable and convenient environment for children, as well as provide them with access to the necessary resources and tools. These conditions may include conducting classes outdoors, using modern electronic devices and distance technologies, as well as providing access to various types of knowledge and information.

Thus, inquiry-based learning is an important part of the primary school curriculum. The preparation of future teachers for conducting such classes should be extensive and include both theoretical and practical training. The implementation of inquiry-based projects will help younger students not only to

reveal their creative potential, but also to gain new knowledge and learn to apply it in practice.

For the effective implementation of inquiry-based learning in primary school, teachers should use various methods and approaches that can interest and motivate children to achieve new results. One such approach may be the use of various problem-based search tasks that students must solve independently, using their existing knowledge and skills [3].

In addition, inquiry-based learning can be organized in the form of various projects carried out within the primary school curriculum. Such projects can be devoted to a variety of topics that interest children, such as ecology, history, culture, science and technology. Children can choose the topic that interests them most and work on the project in a group or individually. As a result of the project, children will acquire new knowledge and skills, become more independent and responsible. Another method that will help organize effective research-based learning in primary school is the use of various educational technologies and multimedia resources. Modern technologies allow students to access new knowledge and information, as well as conduct their own research and create projects using modern programs and applications.

CONCLUSION

Integrating inquiry-based learning into the primary school curriculum can lead to significant improvements in the overall quality of education. This approach can help children not only acquire new knowledge and skills, but also become more independent and prepared for life's challenges and tasks.

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