THE ROLE AND DIDACTIC POSSIBILITIES OF THE PROJECT-BASED LEARNING METHOD IN THE MODERN EDUCATION SYSTEM

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Annotation: This article discusses the role of the project-based learning (PBL) method in the modern education system, its advantages and didactic possibilities. PBL forms independent thinking, creativity, collaborative work and real problem-solving skills in students. The article analyzes the integration of the PBL method into the educational process and practical application experiences.

Keywords: PBL, project-based learning, modern education, didactics, interactive method, competencies, educational activities.

In the context of globalization and digital transformation, the education system requires the formation of not only knowledge, but also competencies in students - that is, a combination of knowledge, skills and values. From this point of view, project-based learning (PBL) is recognized as one of the important tools of modern pedagogy. The PBL method encourages students to think, conduct research, and develop their own solutions based on real-life problems.

1. The role of the PBL method in modern education

Modern educational approaches - constructivism, a person-centered approach, and activity-based learning concepts form the basis of the PBL method. PBL, in contrast to the traditional model of knowledge transfer, supports the active creativity of the student.

PBL is distinguished by the following aspects:

A student-centered educational process;

Work based on collective and problem situations;

Result-oriented activity (finished product - the result of the project);

Interdisciplinary integration.

2. Didactic opportunities of the PBL method

The PBL method offers the following opportunities from a didactic point of view:

Creating an active learning environment: The student studies the problem he has identified, develops a solution and demonstrates it in practice.

Developing creative thinking: Students put forward their innovative ideas within the framework of each project.

Implementing a competency-based approach: Important skills - communication, responsibility, time management - are formed.

Reflection and assessment: Students analyze their activities and learn to self-assess.

Interdisciplinary approach: PBL projects often combine several disciplines and are used in a real context.

3. Examples of application in practice

Experience shows that PBL is widely used in preschool, general education, vocational and higher education. For example:

In technology, students implement a project to produce environmentally friendly products;

In biology, projects are developed to save water resources;

In informatics, projects are implemented to create mobile applications.

The PBL method plays a significant role in the modern education system, as it serves to form 21st century competencies in students. This method develops students' activity, independent decision-making, creative approach, and teamwork skills. For the effective use of PBL, the teacher's methodological preparation, clear planning, and assessment system are important.

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