THE TECHNOLOGY OF "PROJECT" EDUCATION AND THE EFFECTIVENESS OF ITS APPLICATION IN PREPARING STUDENTS FOR PROJECT ACTIVITIES

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ABSTRACT

The article analyzes issues related to the effectiveness of educational technology "project" and the practice of its application in preparing students for project activities, and also provides information on the main types of educational projects.

KEYWORDS: *Project, Design, Project Activities, Modeling, Educational Project Activities, Preparation Of Students For Project Activities.*

INTRODUCTION

Particular attention is paid to the development of practical competencies in the field of research, design, management, technological and production in students around the world, increasing competitiveness and social mobilization, preparing their future career for independent planning, taking into account the situations in the labor market, the formation of skills for independent assessment of their capabilities.

The role of "project" educational technology in the preparation of students of higher educational institutions for project activities is high. Before we dwell on the technology of project education, let's consider the content of the concepts "project", "design".A project is a product of an action aimed at developing the content of pedagogical activity, guaranteeing its result on the basis of a specific plan, goal.

The project appears in the form of a program, model, technological map and others.The basis of the project is an idea of a scientific or creative nature.

Design is a practical action aimed at developing the content of an activity or process through the assumption, prediction, planning of the expected result, based on initial data.The design is based on the"idea – goal – expected result – guessing – forecasting – planning" system. Design various tools, namely material object, weapons, m: computer technology, Watman or ordinary work paper, drawing, pen, marker, copy machine (printer) and so on. it is carried out with the help of.

Pedagogue to create a project:

- Project creation;

-Step-by-step process lighting;

- Clear goal setting;

- Identification of tasks suitable for the purpose;

- Formation of the content of educational material;

- Development of a system of questions and tasks;

- Justification of the methodological structure of a process or event;

- It is necessary that the student has skills and competencies such as diagnosing the level of knowledge and evaluating the level of its upbringing.

Design of the educational process-development of its project (scheme), taking into account all factors for the effective organization of the educational process received separately.Laws of the design of the educational process:

1) The effectiveness of the design of the educational process is ensured by the targeted illumination of all components (technological process, technological process management, motor, information, socio-economic support)in the project;

2) Technological means of education are selected depending on the individual characteristics of students;

3) Design strategies are selected in accordance with the individual style of the educator;

4) The quality of design depends on the scale of feedback (between the educator and the student), the content of the design and the effectiveness of all factors.

When designing educational processes, it is considered appropriate to correctly determine the content of education, the purpose of education, the expected result, the correct choice of methods, forms and means of education, to develop specific criteria for assessing students ' knowledge, skills and abilities in advance, to focus on their correct implementation and harmonization with each other in the time allotted for training.

The main stage of preparation for training sessions is considered to be the blurring of the educational process. This process is organized in the following steps:

1) Determination of the purpose and result of the lesson; 2) development of control tasks and evaluation criteria; 3) selection of educational resources; 4) determination of teaching and reading strategies; 5) selection of the type of Lesson; 6) development of a technological map of the lesson.

Setting the goal and result of the lesson is the most important factor in the processes of teaching and learning, and it is they who occupy the leading place in the educational process. The purpose and result of the lesson are determined based on the requirements of the SES. At the same time, it should also be noted that the purpose of the lesson should be determined not from the point of view of what knowledge, skills and abilities are given by the teacher to the student, but from the point of view of what knowledge, skills and abilities are mastered by students in the lesson. In its essence, the purpose of the lesson is determined by the fact that the teacher and the students move according to the overall results. Therefore, the purpose of the lesson should be expressed in a diagnostic way. That is, the purpose of the lesson should be clear.

To achieve a clear lesson goal, the teacher is required to pay attention to:

1) The didactic process that occurs in the lesson is able to fully ensure the achievement of the educational goal in certain conditions and in the specified time;

2) The presence of the opportunity to draw a clear conclusion about the level of implementation of the goal at the end of the training process.

Accordingly, it can be said that the results of education are determined, the goals of which are expressed in the actions of students.

The next most important component of educational technology is the expected result. Consequently, it reflects the effectiveness of the teaching process and characterizes the level of achievement of the goal, the process of teaching and reading is completed when the result corresponds to the set goal.

Development of control tasks and evaluation criteria – the didactic goal of the lesson, the expected result, the development of control tasks based on the content of the educational material, the development of assessment criteria according to their size, level of completion, quality of execution, time.
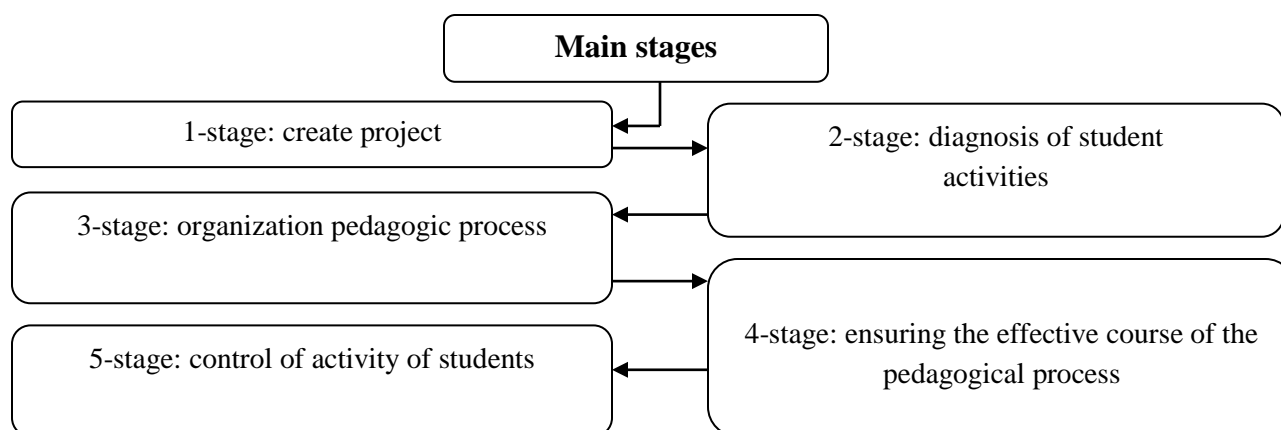
Selection of educational resources – provides for the appropriate selection of educational tools for the organization of the teacher, student and lesson, based on the existing conditions, their correct use in the educational process.

Teaching and learning strategy-provides for the practical application of the selected methods, forms of education, the ways of bringing the specified educational materials to the minds of students.The choice of the type of lesson – the didactic goal of the lesson according to the teacher's skills, the content of the educational material, the time allotted for the lesson, as well as the selection of the necessary conditions.

Technological map of the lesson – forms the main core of the lesson development. It can vary depending on the type of lesson and the techniques chosen. A special mention will be made in the next places of the lecture on the technological map of the lesson.

Educational process design: is the creation of a project that serves to comprehensively express the general essence of pedagogical activity, organized on the basis of a project-content-activity triad.

The design of the educational process is reduced to the following stages (fig. 1):

Figure 1. Stages of designing the educational process.

The main tasks performed in the design of the educational process are:

1) Analysis of the content of pedagogical activity;

2) Know the results according to your previous;

3) Creation of a project for the implementation of planned activities.

Lesson development is a project of educational content, as well as a document, the structure of which is mandatory by the teacher. When compiling it, the goal is to plan the activities of the teacher in the lesson process, enrich the content of the lesson, increase the effectiveness of Education. It should be updated with the improvement and perfection of the lesson development from year to year, the application of new techniques, the introduction of new materials. Consequently, with the introduction of new SES, educational programs, modern educational technologies in the educational process, the use of new information technologies, modern technical means by the teacher, the requirements for lesson development also change. Ready for lesson project (development)ni, standard template is not available. Because it is necessary that the lesson be organized "live". According to this feature of the lesson, it cannot be put in any mold. It can vary depending on the type of lesson and the techniques chosen.

A Model is a simplified, reduced (enlarged) or similar copy of a real, actually existing object.Modeling the general essence of a phenomenon, process or systemcreating a full-fledged lighting model.

In the learning process, the following types of models are used:

1. Educational models (used in the educational process; guided weapons, visual aids, simulators, educational programs).

2. Experimental models (used to carry out scientific, practical experiments; an enlarged or reduced copy of the object being designed).

3. Scientific and technical models (used in the research of processes and phenomena; device, device, instrument, equipment and mechanisms).

4. Game models (used in different situations with the aim of generating skills, competencies by performing different actions by the object; computer, Sports, economic, military, workaholic games, etc.).).

5. Imitation models (are used not in order to simply accurately reflect real reality to one degree or another, but precisely in order to resemble it; various simulators, mechanisms that serve to perform practical actions).
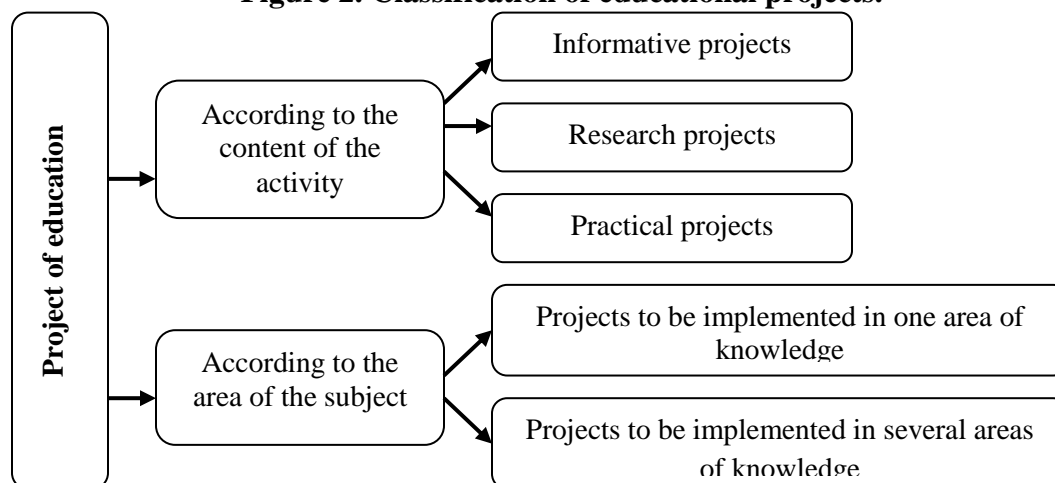
Today, in the educational process, attention is also paid to the preparation of various educational projects by students.

So what is the training project itself? How does the process of preparing educational projects take place?

Educational project: 1) a method of organizing independent educational activities aimed at the search, research and solution of problems of requirements, formalization of the result (solution)in the form of a product; 2) a means of educational action aimed at solving practical tasks on the basis of theoretical knowledge; 3) is a didactic tool aimed at developing, educating, educating, enriching knowledge, strengthening

Educational projects are classified according to the content of activities, their preparation in the field of knowledge (Sciences) as follows (fig.2):

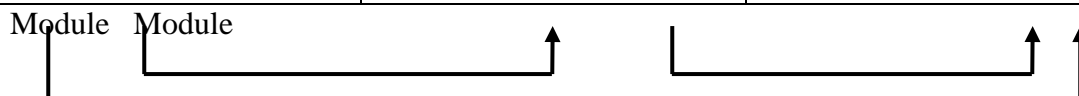**Figure 2. Classification of educational projects.**

Each training project will belong to a certain type according to its purpose and expected result. The main types of training projects are as follows (Table 1):
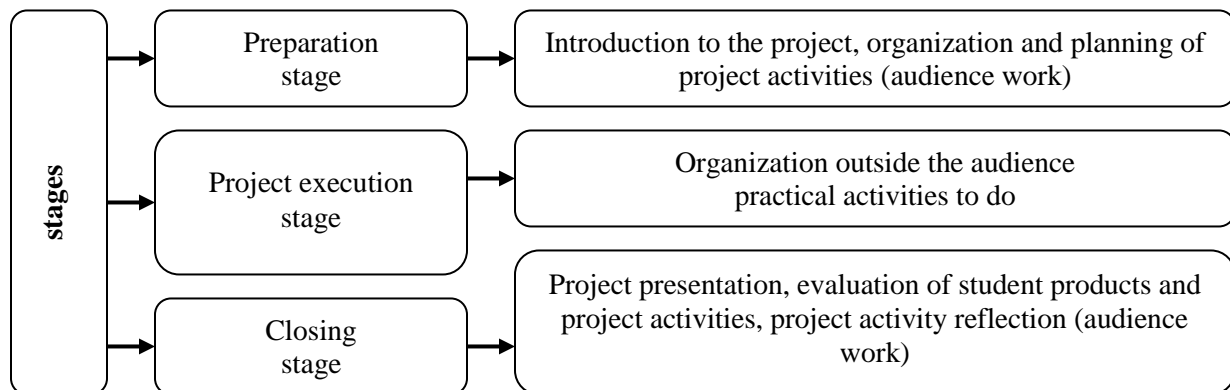
TABLE 1. THE MAIN TYPES OF EDUCATIONAL PROJECTS

Informative projects	Research projects	Practical projects
Purpose		
Collection of information on the problem, their analysis, generalization, coverage of the essence, description of methods	Implementation of the study, justification of the problem explanation based on the study, justification	Development of methods and means of solving the problem

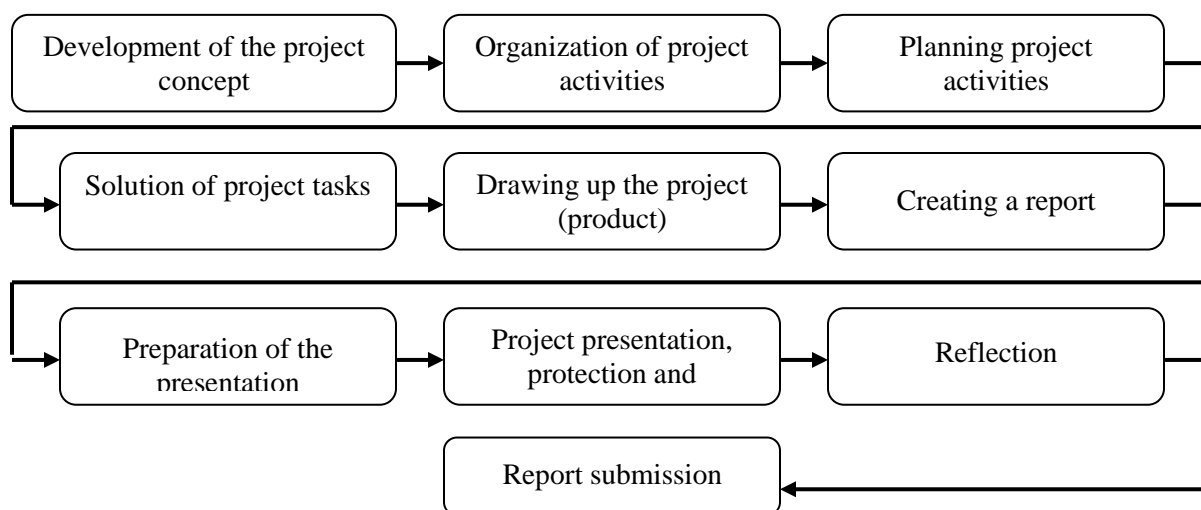|		
and means of solving the problem, justification of their significance.	of new problems for further development.	
Result		
Article, abstract, lecture, keys and etc.	Report, lecture, keys and etc.	Action program, business plan, keys, strategy, recommendation, reference set and etc.
Project topics (sample)		
Can the pedagogical's innovative approach to the educational process guarantee the quality and effectiveness of teaching? What exactly is reflected in the innovative activity of the educator?	Can every educator be an innovator regardless of work experience? The degree of innovative activity of the educator	Pedagogical program for mastering the skills of innovative activities. Pedagogical strategy for organizing innovative activities

Module Module

In the use of project education technologies in educational practice, the concept of "educational project activity" is also used. Educational project activity is a set of actions that are consistently carried out by students on the way to achieving a learning goal or solving a problem, problem situation. Educational project activities of students are organized at certain stages (fig.3)
They are as follows:

Figure 3. Stages of educational project activities of students

Students ' preparation of educational projects on various topics based on pairs, subgroups or teams takes place in the following process (fig. 4):

Figure 4. Scheme of the process of preparation of projects of students.

Hence, the preparation of students for project activities develops in them the skills of developing a project concept, organizing project activities, planning project activities, solving project tasks, drawing up a project (product), preparing a presentation, preparing and presenting reports.

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