

EFFECTIVENESS OF USING METHODS OF PEDAGOGICAL SCIENCE

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Abstract: *This article deals with the science of pedagogy and its new research methods and their types.*

Key words: *Science, pedagogy, research methods, research, process, content, person.*

INTRODUCTION

Any science has its own research methods. Through these methods, it enriches and updates its content. In life and in the theory of knowledge of the objective world, there are issues of what to teach and how to teach, who should be educated, and they are interrelated. learns with methods that are in accordance with its goals and tasks. The more perfect, reasonable and correctly chosen the scientific research methods of pedagogy are, the better the content of education will be updated and improved, and the science of pedagogy will be enriched. , methods of special examination and knowledge of the internal essence, communication and laws of the pedagogical process, which determine the principles, object and subjective factors of thorough scientific education.

1. Method of analysis of educational institution documents.
2. Pedagogical analysis method.
3. The method of studying children's creativity.
4. Pedagogical experience method.

Pedagogical observation is complex and has its own characteristics. The expected result can be achieved if the observation is carried out on the basis of a clear goal, continuously, consistently and systematically. If the conducted pedagogical observation serves to improve the quality of education and the formation of the student's personality, the importance of this method will increase. It is important not to make mistakes in the organization of pedagogical observation. For this, the researcher is required to:

- 1) systematic monitoring;
- 2) solving a specific task at each stage of monitoring;
- 3) carefully study the essence of each case;

Interview method. This method helps to enrich the information obtained in the process of pedagogical observation, to give a correct assessment of the current situation, to create pedagogical conditions that allow to find a solution to the problem, and to attract the possibilities of subjects of experimental work to the solution of the problem. Interviews are conducted in individual, group and public form as appropriate. It is important to achieve the full manifestation of the respondents' capabilities during the interview process. Questionnaire method (French - check). Using this method, evidence collected during

pedagogical observation and conversation is enriched. The questionnaire method is also based on the organization of communication with respondents based on structured questions. Answers to questionnaire questions, in most cases, are obtained in writing. Depending on the nature of the process being studied, the questionnaire questions will be as follows:

The interview is conducted on the basis of referring a series of questions to the attention of the respondent. The reaction of the researcher to the questions received during the interview increases its effectiveness. Method of analysis of educational institution documents. In order to verify the pedagogical phenomenon and evidence, it is appropriate to check the information that illuminates the content of the activities of educational institutions. This method is used to study the state of implementation of the requirements of the Law "On Education" of the Republic of Uzbekistan and the "National Program of Personnel Training" in the practice of educational institutions, the level of activity in this regard, the achieved achievements and the way forward. It is used for the purpose of identifying shortcomings, popularizing best practices, and increasing the pedagogical experience of an educational institution.) summaries, students' personal leaflets, orders, a notebook with the minutes of the Pedagogical Council meeting, Pedagogical Council decisions, estimates and passports of the educational institution, educational work plan, reports on the organization of educational work, education equipment of the institution (study desks, tables and chairs, soft furniture, etc.), note book, etc.

Test method. This method serves to determine the level of theoretical knowledge and practical skills and qualifications acquired by respondents in a specific field of science or activity (including professional activity). When using the test method, it is appropriate to pay attention to the knowledge, skills and qualifications that need to be determined. The advantage of this method is characterized by the possibility of analyzing respondents' answers according to specific criteria and saving time. However, the method is not without some shortcomings. For example, in most cases, answers are obtained in writing, and the respondent must choose one of the proposed answer options. Therefore, the respondent does not have the opportunity to express his opinion in detail. Pedagogical analysis method. The purpose of using this method in the course of research is to determine the level of study of the selected problem in philosophical, psychological and pedagogical directions, and serves to justify the theoretical validity of the idea put forward by the researcher. A method of studying children's creativity. This method is used in order to determine the level of students' abilities and skills in certain areas, as well as knowledge, skills and qualifications in certain fields of science. Creative works of students - diaries, essays, written works, abstracts, reports serve as an important tool in its application. The advantage of the method is that it creates a basis for seeing, evaluating and developing the individual potential of a particular student.

CONCLUSION

According to this article, pedagogical research methods improve the accuracy of the research tasks aimed at increasing the pedagogical activity of the teacher, take into account the age characteristics of students, the laws of children's psychology, and increase its level.

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