

**An integrated approach to the use of pedagogical technologies in primary school mathematics**

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**ABSTRACT**

*This article discusses the pedagogical approach to imparting mathematical knowledge to students. This article discusses the pedagogical approach to imparting mathematical knowledge to students. At the heart of the article is a game-based lesson. The name of the game is "Day". Through this game, students will understand the lesson in an interesting way.*

**Keywords:** *integration, mathematics, arithmetic, Primary education, Pedagogy of primary education, a didactic game, a team.*

**I. Introduction**

The relevance of the problem of professional interest of modern students of higher educational institutions is that the interest in the profession of a future teacher should serve as a criterion for determining his future professional maturity. During the period of socio-economic reforms and transformations carried out in our country, special attention will be paid to the training of future teachers, who, in turn, will be responsible for the formation of the personality of young students, expanding their horizons and realizing creative opportunities.

The problem of forming the personality of a future teacher is solved based on the needs and requirements of any human society. The regulatory documents emphasize that the motives for choosing a profession are not limited to professional training, professional conformity and professional skill, but the presence of professional interest in future teaching staff.

The practical significance of the study of professional interest is aimed at finding, forming and maintaining the psychological conditions for the emergence of professional interest in a particular activity. In this regard, an urgent problem is the study of the emergence, implementation and further development of professional interest in future teachers.

**II. Main Part**

The concept of "professional interest" is one of the most important categories of professional competence of personnel in the following years. Monitoring student performance shows that students with a strong interest have a high level of assimilation. In the course of training, the strengthening of interest in the profession and a higher level of readiness for professional activity are revealed. Professional interest is the most important incentive for the acquisition of knowledge, skills and abilities. The strengthening of professional interest and the development of skills are interrelated and confirm the formation of readiness for work.

The definition of professional interest found in the literature can be considered as a specific model. But the closeness, which is not able to fully reveal their essence, cannot reflect the interaction of

the subject with the profession. The model of professional interest, in our opinion, is written as follows. Some disadvantages are noticeable in the marked model: 1) the motivational component of the professional interest is not reflected; 2) the interaction of the professional interest with the environment is not shown; 3) the principles of the organization of professional interest, its implementation and development are not specified (only two principles are given – categorization and allohydrogenation); 4) the meaning, interaction and interrelation of the components of professional interest in the age aspect are not specified.

When justifying the structure of professional interest, we proceed from the fact that the processes of mediation and reflection are in unity. In this regard, the reflection of the connection with the chosen subject's profession is manifested in certain forms. According to the established state of psychological science, the psyche manifests itself in a trinity, that is, in feeling, reason, and will, and then these three manifest themselves in interaction with the subject and the chosen profession. But these triunities reflect the nature of the connection of the subject with the profession as a general concept. But each subject chooses a specific profession, motivating this choice. In this regard, there is a new form of interaction between the subject and the profession, which is manifested in the motives.

Interest in learning is of great importance in the educational activities of not only schoolchildren, but also students, arising on the basis of incentives. Interests and stimuli are interconnected and create a powerful center of arousal in the shell of the large hemispheres. The set of interests and incentives for learning is considered to be the basis on which students develop knowledge, form professional abilities and skills.

The interests of the individual are determined by the socio-historical and special conditions of life. In working life, interest is an actively directed attitude to the conditions, aimed at meeting the needs of the individual. Interest as an expression of the general orientation of the personality encompasses and directs all mental processes occurring in the activity of the subject and in its stimulating sphere.

In the system of human interests, a special place is occupied by professional interest, which expresses a person's attitude to a particular profession and is the only "internal" regulator of professional activity. If you look at history, the philosophers of Ancient Greece and Rome understood it as a mental phenomenon that determines the character of the individual and the success of a person in professional activity. Not so long ago, the term "professional interest" began to be used in applied pedagogical and psychological research, that is, only 15-20 years ago. At the same time, it is not a short time to solve this problem, but today, it is one of the most important problems of psychology.

It is true that in the field of professions, the teacher's specialty occupies a special social significance. The teacher is the architect of the improvement of young souls. He hardens his students ideologically, socially and politically, equips them with the laws of nature, society, and progressive thinking. It points the way in choosing a future profession, in mastering professional skills, helps them in mastering and solving a socio-economic task that is essential in a rapidly developing human society, in life. This critical task requires the teacher to be a master of his craft, taking into account the interests, abilities, skills, mindset and practical ability of the pupils, to show them how best to develop their creative and mental abilities, professional skills in order to become highly qualified specialists in their profession to meet these requirements, the teacher should continuously improve their skills, self-improvement, keeping up with modern technologies, innovation of study in his professional career. The essence of pedagogical skill is the formation and improvement of ways, forms, and means of achieving

professional qualities, knowledge, skills, and skills. Teacher-tutor essentially of content teaching skills must possess the ability pedagogical creativity, pedagogical techniques, ability to organize the educational process, to skillfully approach the cooperation of the teacher - student thing is to make contact with the student, to abide by ethics, culture of the teacher, and to be able to manage your emotions, organize cultural and educational work with students, work tirelessly on yourself.

### III. Conclusion

A modern teacher should be able to plan, implement, manage, lead and solve the tasks of the educational process and implement all this from the point of view of pedagogical and psychological understanding of their actions, including modern approaches in their activities, taking into account innovative pedagogical technologies.

It is known that when two persons talk, one speaks, the other listens. The effectiveness of communication depends on how these two sides correspond to each other, complement each other. The famous American speaker and psychologist Dale Carnegie, when he said: "A good conversationalist is not someone who can speak well, but someone who can listen well," meant that the qualities that we have listed above should be developed [1].

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