

The role of pedagogy and psychology in improving the methodology of teaching mathematics in general secondary schools on the basis of a competency-based approach

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Annotation. In this article, the role of pedagogy and psychology in improving the methodology of teaching mathematics in general secondary schools on the basis of a competency-based approach to comprehensive competencies is covered. to solve tasks willingly and, most importantly, to enjoy the work he has done - the problem of developing life skills such as independent decision-making, having a personal opinion, being able to justify his decision, respecting the opinions of others, understanding their mistakes.

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The teaching process puts before it the issue of learning by students and fostering the behavior and thinking required by them.

The educational institution is one of the social institutions of society, which determines the progress of society, not today, but the future. His goal is education and training. In the educational hierarchy, a person's pedagogical and psychological processes are formed and developed, on the basis of which new activities arise, and his competence increases.

The educational process is aimed directly at mastering certain information, actions, forms of behavior. The concepts of reading and teaching are related to academic activities that help to master and teach knowledge, skills, and skills. It is well-known that one of the components of education is the process of individual development, which is closely related to education. (Galatians 5:22, 23) Jehovah's Witnesses would be pleased to assist you in studying the Bible. develops in an environment that provides solutions that go from bottom to top (complex). In connection with the process of psychological development of a person, especially the development of a child, L. S. Vigotsky believes that more is expressed in education and plays a central role in the system of the formation of his whole life. L. S. As Vigotsky noted, the development of psychology can be seen outside the social environment in which the mastering of sign tools that allow us to study the experience of our ancestors takes place not, which means that it cannot be outside of education right now. Therefore, transforming a student into an active participant in teaching requires a teacher not only to be a good scientist but also to be a good psychologist and teacher. This is how to deal with each student from the teacher (from a temperament point of view, i.e. whether the student is a cystic or a melancholy), o' prohibits determining what task to give the student, and each teacher should stimulate the student's appetite for knowledge during his or her work is emphasized.

Changing individual qualities and qualities (the gift of nature) is very difficult, but knowing them can prevent sharpness from occurring at school and in interpersonal relationships. Generally speaking, the teacher's task is not to determine the student's temperament, but to observe which characteristics are actively displayed in it, which words and actions have an effective effect to observe what they do. (Matthew 24:14; 28:19, 20) Today, pedagogy does not allow teachers to create a style that meets the demands of time. Both the object and subject of the learning process are students. Each student is moved by his or her individual psychological characteristics. in psychology to treat students based on their movements;

- When working with choleric , it is impossible to speak harshly, not to be angry, because they develop a negative response reaction;
- It is necessary to ask the Sangvinics new more interesting questions that are persistently problematic that aggregate their opinions;
- Phlegmatics should be actively involved in the learning process, which students of this type would like to pay special attention to;
- Melancholy people want to hear credit for their success in paying special attention to themselves. You should not fight them, do not speak louder in the tone of the voice.

Famous Polish psychologist, Professor Ya. Strelyau wrote about temperament: interested in the temperament of an individ, we express his actions in the form of an answer to the "How" question, what way in a particular situation Keeps? What will be their actions, and what will be their reaction? and the right. Temperament depends on the type and characteristics of the nervous system, which is a gift of nature. Determine the dynamics of temperamental psychological activity and work on the speed at which students with different temperaments receive information based on their characteristics, their mental and practical activities differ in output. Therefore, they require a variety of methodologies and educational work at different paces, especially a variety of reinforcing exercises.

Education is one of the types of activities that helps a person to have a number of characteristics. For example, if a student intends to understand the learning material and seeks it, the pursuit and determination of the goal will develop, and the full course will begin to be studied independently The student, on the other hand, develops a specific scheme of action , developing characteristics such as independence and integrity. A child who decides to read well has integrity, listening to others, being able to accept his or her views, protecting his or her right opinion, working with the group the ability to work (because in schools, forms of working in groups are frequently used). If the form of teaching is often used in the classroom (in pairs, when working in a group), students develop communication competencies. If students are required to participate actively in classes (intense), business characteristics: concentration, planning, correcting their knowledge Applications are formed.

It is necessary to use all your energy to be vital in teaching subjects, to develop a scientific worldview, and to improve students' abilities, to study the content of the lessons and the methods chosen in teaching to help students fully absorb the information. The pressing problem facing the school is the problem of how to teach children in an increasingly rapid climate. Of course, with the advancement of science , it is impossible not to take into account the increasingly accurate definition of ideas that students need to master. For example, if the author himself wrote a very thick book about Newton's laws, modern textbooks only devoted a few pages to these laws. The theory of an equal-sided triangle was mastered by medieval university students very hard-working, which is why they called it the "ass bridge" . However , it is impossible to disrespeise the fact that the volume of knowledge accumulated by mankind will grow rapidly. (Matthew 24:14; 28:19, 20) Jehovah's Witnesses would be pleased to support more than the body weight—and also the reling of life. prevention of this danger , including teaching students not only knowledge but also methods of acquiring knowledge. The experienced teacher does not look at all his students as the same, he gives birth to his students' independent artistic research, his initiative, his tirelessness opens a wide range of ways.

The pedagogical and psychological aspects of improving the education system are important, and a student should be taught appropriately from a psychological and development point of view during school achieving personal and professional success is beyond the reach of every psychologically healthy person. The student's activities are one of the main conditions for psychological development, and as a result of the motivated activities of the student himself, his personality develops. It is noteworthy that this formation is primarily the type of activity that determines the composition of a student's individual-psychological characteristics and the content of psychological processes (communication, game (For more information, see the brochure What Does God Need) S. L. Rubinstein notes (1976) that an adult bypasses a child's self-absorption during his or her career and provides him with any information and ethical mechanisms in his

mind ♪ The attempt to mix has a negative impact on the development of human mental development, personal qualities and characteristics.

The resulting embryo was allowed to develop in nutrients and then inserted into her womb, where it implanted. Communication with adults is an important factor in a child's psychological and personal development. Communication with adults of any age performs a unique function in the process of forming an individual. In the early stages of development, communication with adults is directed to a child to understand and master the knowledge of the universe around him. The resulting embryo was allowed to develop in nutrients and then inserted into her womb, where it implanted. only in young people do a child develop his or her own personal communication activities. In adolescence, the need to communicate with peers rises to the forefront. Conscious acceptance or non-acceptance of the norms adopted in the congregation, establishing relationships with others, personal qualities and characteristics of others Adaptation is formed as a result of this communication, relationships. It is between communication and development during preschool and school, such as self-awareness, evaluation, self-direction the existence of dependency is evident. Communication with adults is especially important as a result of problems with determining the future and life prospects of high school it goes. Thus, the need for communication is one of a person's main social needs, which arises very early and develops constantly. However, according to the results of discipline practice, experience, and specialized research, the result of adequate communication is not adequately provided, so the effectiveness often envisaged in teaching is not achieved, i.e. most schoolchildren have high levels of anxiety, lack of self-confidence, low self-esteem, socio-psychological adaptation, the development of personal qualities, complexities are visible

It is known that the importance of mathematics in the life of human society increases every day. The high-level development of mathematics is a necessary prerequisite for the rise and efficiency of a number of fields of knowledge. Scientists say that the development of science in recent years has been characterized by their dependence on mathematics, and this is not only physics, astronomy or chemistry, but modern biology, it also applies to such subjects as archaeology, medicine, meteorology, economics, planning, linguistics. Mathematical methods and mathematical style of thinking are common everywhere, it is difficult to find an area of knowledge that has nothing to do with mathematics. The mathematical activity of the students in the school process is to solve issues related to proving, calculating, replacing, and making different types. Therefore, the use of pedagogical technologies in teaching is to respect the student's personality in the process of working in small groups, to hear his or her opinions Creating the opportunity to draw the right conclusions will be a factor in the development of basic and fan-related competencies in the teacher. It is useful for a mathematician to conduct his or her own psychological test. Some of the ready psychological tests can be linked to the course of mathematics, where it is important to take into account the temperament and character of each student it's about to do it. In what sense should we understand the vitality of interdisciplinary teaching, and how to eliminate the disconnection in its connection to life? Interdisciplinary teaching involves a consciously in-depth acquisition of theoretical knowledge, because without it, there is no way to talk about the intelligent application of facts to study practical issues. To assist individuals desiring to benefit the worldwide work of Jehovah's Witnesses through some form of charitable giving, a brochure entitled Charitable Planning to Benefit Kingdom Service Worldwide has been prepared. These are the things that make.) As Ushinsky said, if pedagogy wants to educate a person in every way, he must first know him in every way.

In conclusion, the use of pedagogical technologies in teaching is to respect the student's personality in the process of working in small groups, to hear his or her opinions, and to draw the right conclusions Creating opportunities is a factor in the development of basic and fan-related competencies in the teacher.

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