

Development of Logic and Intellect of Preschool Children

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ABSTRACT

Development of intellectual abilities of preschool children is an urgent problem of modern preschool education. Today, the need to educate creative people who are able to work with information flows and can quickly adapt to changing conditions has become particularly acute. The article talks about the child's intellectual ability and its types.

KEYWORDS: *preschool educational organization, educator, large group, fiction, nature, environment, logic and intelligence, children's speech development.*

Intellectual development of preschool children is a multifaceted process, it is related to the development of all aspects of the child's personality, it is an important part of general mental development, preparation for school and the whole life in the future. It is carried out as a result of life conditions and the influence of the environment on the child. The leading role in intellectual development belongs to systematic intellectual education. Intellectual education of preschool children is a systematic and purposeful pedagogical influence on a growing person for the development of consciousness. It continues as a systematic process of assimilation by the younger generation of socio-historical experience, which is reflected in the knowledge, skills and competences, norms, rules and evaluations accumulated by humanity.

Thinking is one of the highest forms of human activity. Some children are able to form their thoughts logically before the age of 4. However, not all children have such abilities. It is necessary to implement the process of developing logical thinking in a playful situation. It is better to do it. To solve this problem, it is necessary to improve the thinking of preschool children in harmony with the methods of preparing the child for school.

There are several types of intelligence. For example, some people with musical intelligence have the ability to play musical instruments or sing. Musical intelligence is primarily related to how easily people can identify different sounds and tones, and how quickly they learn songs. Children with musical intelligence can imitate sounds, words, voices and intonation. They also enjoy music and musical events.

Another type of intelligence is physical intelligence. People with this ability often enjoy sports and physical activity. Some are interested in the artistic side of movement, such as dance, rhythmic gymnastics, acting and performance. Children with this intelligence often enjoy high energy and outdoor physical play. Their motor skills often develop with age.

Logical-mathematical ability. People with logical-mathematical intelligence process information through logic and reason. As the name suggests, people with this intelligence often like working with numbers and can show great skill in this area. They are very interested in how things happen and work. Various experiments are of great interest to people with this talent, and they often want order in their daily activities.

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Linguistic intelligence is about language and words. People with linguistic intelligence often enjoy reading, writing, and learning languages. Children need to be rich in vocabulary in order to acquire language quickly. Children with this strength often do well in school because the current school system is geared toward language learning.

Mother tongue is a factor that develops intellect, educates emotions and will. It serves as a means of communication between a person and the world around him. By developing the child's speech, adults simultaneously contribute to the development of his intelligence. Intelligence plays a decisive role in the development of a preschool child, his knowledge of the world around him is often the intellectual level that determines the child's readiness for school.

Why does a small child need logic? The fact is that at each age stage, a certain "floor" is created, where mental functions are formed, which are important for the transition to the next stage. Thus, skills acquired during preschool age serve as a basis for development at school age. The most important of them is logical thinking, the ability to "act in the mind". A child who has not mastered the methods of logical thinking has difficulty learning and solving problems. As a result, the child's health may deteriorate, interest in learning may decrease. The tasks of developing the logic and intelligence of preschool children through speech training are as follows:

- development of children's creative and intellectual abilities;
- development of children's imagination;
- development of children's logical thinking;
- increase the level of knowledge of children on the development of elementary mathematical concepts;
- Development of mental abilities of children through logical and mathematical games.

Development of logic and intelligence of children of senior preschool age through speech development activities. In the process of developing logical thinking, the child thinks, draws conclusions according to the laws of logic, builds cause-and-effect relationships; It also aims to develop qualities such as curiosity, ingenuity, intelligence, observation, independence, memory, attention.

The intellectual development of a preschool child is the most important component of his mental development. The foundation of human intelligence and emotional experience is laid in the first years of a child's life. In preschool age, the development of perception, attention, memory, imagination, as well as the formation of the first forms of abstraction, generalization and simple conclusions, the transition from practical thinking to logical thinking takes place. Children's speech development training not only provides knowledge, but also has a special place in the development of the child's intelligence, as it is a certain way of thinking. Speech development activities have great potential to develop children's thinking from a very early age.

A child's education and development should be unlimited; it should be carried out through the type of activity characteristic of this age - play. Intellectual and educational games can be distinguished among various games that allow children to develop their mental abilities. The main purpose of these games is to develop the operational side of the intellect: mental functions, techniques and operations of mental activity. A distinctive feature of these games is the presence of some cognitive content in them and the search for hidden ways to solve the game problem, finding them requires ingenuity, ingenuity, non-standard creative thinking and mental planning. Operations.

The development of the intelligence of a preschool child is closely related to speech. Intellectual (mental) development of a preschool child is the most important component of his general mental development, preparation for school and his whole future life. Mental development itself is a

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complex process: it is the formation of cognitive interests, the accumulation of various knowledge and skills, and the acquisition of speech. The "core" of intellectual development, its main content is the development of mental abilities. Mental abilities are psychological qualities that determine the ease and speed of acquiring new knowledge and skills, the ability to use them in solving various problems. In various psychological researches, the problem of learning intelligence, intellectual operations and methods of their formation in preschool children plays an important role.

In conclusion, it can be said that studying the relationship between language and thinking in the process of child development is a very special aspect. Because the language and thinking system is acquired through speech, thinking activity with the help and imitation of adults who have these systems. Pedagogical conditions for the development of logic and intelligence of preschool children through speech training are related to language and speech. Language is a system of special symbols consisting of various words, i.e., traditional sound symbols denoting various objects and processes, as well as rules that make it possible to form sentences from these words. Sentences are a means of expressing thought. In recent years, studies have studied the connection between the intellectual and speech development of preschool children in various directions.

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