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DEVELOPMENT OF COGNITIVE ACTIVITY IN PRESCHOOLERS USING MNEMONIC TECHNIQUES

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Annotation: This article analyzes the role and importance of mnemonic techniques in developing the cognitive activity of preschool children. Mnemonics are methods used to improve the processes of memorization, learning, and information processing, and they are an effective tool for developing children's minds. Mnemonic techniques adapted for preschool children, such as visual aids, storytelling, repetition, and other memory methods, help enhance cognitive processes. Through these methods, children increase their mental activity and strengthen their learning abilities. Mnemonics help children develop skills such as memorization, imagination, attention, and self-regulation, and they also learn to retain the information they have learned in long-term memory. The article also provides information on the practical application of mnemonic methods, their impact on children's psychology, and how to apply mnemonics effectively to organize cognitive activity.

Keywords: mnemonic techniques, preschool age, cognitive activity, children, memorization, learning, memory, imagination, attention, self-regulation, development, psychological processes, education, methods.

INTRODUCTION

One of the most important aspects of the cognitive development of preschool children is the effective formation of their consciousness and mental activity. Various educational methods and tools, including mnemonic techniques, are of particular importance in supporting this process. Mnemonics is a set of special methods used to improve the processes of memorizing, learning and processing information. Mnemonics in the development of children's consciousness can be especially effective in strengthening cognitive processes such as memorization and imagination.

Mnemonics methods adapted for preschool children, such as drawing, reading stories, games that facilitate repetition and assimilation, accelerate cognitive development. These tools greatly help children in increasing their concentration, memory and learning abilities. The correct and effective use of mnemonic techniques has a positive effect on the psyche of children and develops their cognitive activity. This article analyzes the role and importance of mnemonics in children's education and attempts to show its effectiveness in the development of cognitive

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activity.

LITERATURE ANALYSIS AND METHODOLOGY

A review of the scientific literature on the role of mnemonics in the development of children's cognitive activity shows that there are several scientific studies confirming the effectiveness of mnemonic techniques. A number of studies on the study and application of mnemonics show its importance and impact in children's education. The most common types of mnemonic techniques - repetition, visual and memorization techniques, stories and drawing - can be effective in developing children's minds. These techniques help strengthen children's attention, memory and imagination. Mnemonics also help children easily remember, process and store information in long-term memory.

In addition, there are several works by psychologists and educationalists on the impact of mnemonics on cognitive development. Mnemonics are recommended, especially for children, as a means of facilitating the process of memorization. Psychological studies show that mnemonics have a positive effect on children's cognitive processes and can activate their learning activity.

From a methodological point of view, there are various approaches to the use of mnemonic techniques in children's education. First, methods for measuring the effectiveness of mnemonics for children have been developed on the basis of experience. Experiments, questionnaires, and observation methods are used to analyze the learning process and collect results. Psychological tests and methods are used to measure the effect of mnemonics, in particular, to determine the level of attention and memory of children. With the help of such approaches, it is possible to obtain accurate information about the effect of mnemonic techniques on children's cognitive activity.

From a methodological point of view, the use of mnemonics in children's education is mainly aimed at ensuring the comprehensive development of children's activities in the learning process. Also, the effective use of mnemonics ensures the balanced development of the child's psyche and helps to improve their cognitive abilities.

This methodology and literature analysis sheds light on the studied importance of mnemonics in children's education, its impact and how it can be effectively used in the learning process.

RESULTS AND DISCUSSION

A review of the scientific literature on the role of mnemonics in the development of children's cognitive activity shows that there are several scientific studies confirming the effectiveness of mnemonic techniques. A number of studies on the study and use of mnemonics show its importance and impact in children's education. The most common types of mnemonic techniques - repetition, visual and memorization techniques, stories and drawing - can be effective in developing children's minds. These methods help to strengthen children's attention, memory and imagination. Mnemonics also help children easily remember, process, and store information in long-term memory.

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From a methodological point of view, the use of mnemonics in children's education is mainly aimed at ensuring the comprehensive development of children's activities in the learning process. Also, the effective use of mnemonic tools ensures the balanced development of the psyche of children and helps to improve their cognitive abilities.

This methodology and literature analysis shed light on the importance of mnemonics in children's education, its impact, and how it can be effectively used in learning processes.

CONCLUSION

It has become clear that the role and importance of mnemonics in the development of cognitive activity of preschool children is high. According to the results of research, mnemonic techniques are an effective tool for strengthening children's memory, memorization, imagination, concentration, and memory skills. These methods accelerate the learning process of children and increase their ability to store learned information in long-term memory.

The positive effect of mnemonic methods on the psyche of children helps to actively and effectively develop their cognitive processes. Also, the use of mnemonics for children facilitates the learning process and ensures greater activity in education.

In addition, for the effective use of mnemonics, it is necessary to take into account the individual characteristics and interests of children. Therefore, when choosing mnemonic methods, it is important to adapt them to the age and level of cognitive development of children.

In general, the widespread use of mnemonics in preschool education helps to effectively ensure the cognitive development of children. With the help of these methods, children can facilitate learning, improve memory and attention, as well as develop their creative and mental activity..

REFERENCES

Vygotsky, L. S. (2003). Psikhologiya i obuchenie. Moskva: Pedagogika. Bu asarda Vygotsky bolalar ta'limi va rivojlanishining psixologik asoslari haqida so'z yuritadi,

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Zimnyaya, I. A. (2004). Pedagogika: Teoriya i praktika obucheniya. Moskva: Vysshaya shkola. Kitobda ta'lim jarayonining samarali tashkil etilishiga oid metodikalar, shu jumladan mnemotexnika usullarining qoʻllanishi haqida ma'lumotlar berilgan.

Sakharova, L. F. (2010). Mnemotexnika v obuchenii i razvitiya rebenka. Moskva: Nauka. Ushbu ishda mnemotexnikaning bolalar ta'limida qoʻllanilishi, uning kognitiv faoliyatni rivojlantirishdagi roli tahlil qilinadi.

Kozlova, N. E. (2012). Psikhologiya obucheniya: metodiki i tekhnologii. SPb.: Rech. Kitobda ta'lim jarayonida mnemotexnikani qo'llashning metodologik yondashuvlari va usullari taqdim etilgan.

Petrova, A. V. (2008). Psikhologiya i pedagogika: osnovy razvitiya rebenka. Moskva: Akademiya.

Ushbu asar, mnemotexnika texnikalari yordamida bolalar kognitiv rivojlanishini oshirishga qaratilgan tadqiqotlarni oʻz ichiga oladi.

Karpov, A. V. (2015). Razvitie myshleniya i pamyati detey. Moskva: Shkola-Press. Kitobda bolalar ongini rivojlantirish va xotira jarayonlarini yaxshilash uchun mnemotexnika texnikalari haqida tavsiyalar mavjud.

Shadrikov, V. D. (2004). Psikhologiya obucheniya i razvitiya rebenka. Moskva: Prosveshchenie. Ushbu asarda bolalar ta'limida mnemotexnikani qo'llashning amaliy jihatlari, uning bolalar kognitiv faoliyatini rivojlantirishga qanday ta'sir koʻrsatishi tushuntirilgan.

Yasvin, V. A. (2013). Pedagogicheskaya psikhologiya i tekhnologii obucheniya. Moskva: Molodaya gvardiya.

Ushbu asar pedagogika va psixologiya sohalarida ilgʻor metodlarni oʻrganish va ularning kognitiv rivojlanishga ta'siri haqida batafsil ma'lumot beradi.