

## ESSEY

**Theme of qualifying work:** "Development of cognitive sphere of the senior preschool children by means of modern educational technologies"

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**Relevance of the research problem** is determined by the need to improve the quality of pre-school education at the present stage, as evidenced by the interest of the state in matters of education and early childhood development. The adoption of the Federal state educational standards of preschool education defines as the basic principles of pre-school education, including the principles of "preserving the uniqueness and intrinsic value of preschool childhood as an important stage in human development, the formation of cognitive interests and cognitive actions of the child through its inclusion in the different activities."

**Objective:** to optimize the development of cognitive sphere of the senior preschool children.

**Object of research:** cognitive sphere of children of preschool age.

**Subject of research:** psychological and pedagogical conditions of the development of informative sphere of the senior preschool children on the basis of modern educational technologies.

Research objectives:

1. To analyze modern theoretical approaches to the problem of cognitive sphere of the senior preschool children; to disclose the content and algorithm implementation of modern educational technologies in preschool;

2. To develop a diagnostic tool to determine the development of the cognitive sphere of the senior preschool children;

3. To identify the features of cognitive sphere of the senior preschool children and identify the psychological and pedagogical conditions of development in preschool;

4. To make a program of informative sphere of the senior preschool children and the psychological and pedagogical recommendations for improvement based on the introduction of educational and preschool educational process of modern pedagogical technologies.

**Theoretical and methodological bases of research:** theory of development of the child (Vygotsky); the concept of pre-school age child (AV Zaporozhets); position on the role of the adult sample in the formation of the personality of the child (S. Rubinstein, AV Zaporozhets, T.I.Gorbatenko, Bozhovich, L.F.Obuhova, R.I.Zhukovskaya, SA Kozlov); the position of the leading role of emotional factors in the formation of the personality of the child of preschool age (AV Zaporozhets); psychological and pedagogical theories about the nature and patterns of formation of interest (Leontiev, AV Zaporozhets, S. Rubinstein, Bozhovich, G.I.Schukina H G.Morozova, TA Kulikova).

**Results:**

Results of the survey of informative sphere of the senior preschool children suggest their ability to relate to the properties of the objects specify the standards, a high level of visual perception of the shape of objects, formation of the internal plan of action and imagination, visual mediated memory, the ability to carry out counting operations.

At the same time, some of the children revealed a low level of visual perception of the value of items (26%), mental health (23%), underdeveloped ability to perform an action at the domestic level (11%), memorizing subjects (19%), ability to solve problems (11%), to make a coherent story (25%).

Psycho-pedagogical conditions of development of informative sphere of children of preschool age are defined as follows:

- Creation of a fully-expanding object-spatial environment cognitive sphere of development;

- Organization of search and cognitive functioning of children;
- Attraction of children in the implementation of creative tasks; integration of educational activities;
- Formation of representations of children about the work;
- Creation of problem-search situations;
- Inclusion in entertaining content;
- Stimulation manifestations of positive emotional relationship of the child to the phenomena, objects and activities;
- Usage of programs and techniques at each stage of the formation of interest.

### **Pedagogical recommendations:**

To be effective, the development of cognitive sphere of the senior preschool children in the implementation of modern educational technologies to provide preschool teachers:

- personal-oriented cooperation of all participants in the teachers-agency process: pre-school staff, children, parents, create an atmosphere of trust and comfort;
- subjective position of the senior preschool children in the course of game tasks, the ability to self-goal setting, addressing the various cognitive, communicative and creative tasks;
- stimulating of older preschoolers to use methods of solving tasks in a variety of situations, using a variety of options;
- development of interest and the desire to use special terms in the process of joint experiments, discussions, share experience assignments peers and children of preschool age;
- creating a situation of success by the results of their activities, the formation of the older preschoolers reflective capacity.