## Summary to the final qualifying

The theme of the research project "Development of logic thinking of senior preschool children'

### Relevance

At the present stage of modernization of pre-school education, special attention is paid to the quality of education in pre-school age, which makes it necessary to find ways and means of thinking, attention to the needs of senior preschool children in game activity. (GEF)

According to the study of Russian scientists develop mental operations of senior preschool children is based on the development of logical thinking. Logical thinking requires formation of mental operations such as establishing logical links, analysis, synthesis, comparison, generalization, classification (authors).

The search for effective tools for the development of logical thinking age children, taking into account the leading activity showed that, as such means may make educational puzzle games, tasks and exercises (by logic games).

Therefore, the problem was the question of how the developmental logic games affect the development of logical thinking in children of preschool age?

Accordingly were isolated:

An object: Logical thinking age children;

**Subject:**psycho-pedagogical conditions of development of logical connections, analysis, synthesis and classification of preschool age children.

**goal**: Definition of psycho-pedagogical conditions of development of logic thinking of senior preschool children.

#### Tasks:

- 1. On the basis of psychologistabout-pedagogicheskih sources to determine the essence of the concept of logical thinking.
- 2. concretize age features of development of logical thinking in children of preschool age.
- 3. Identify opportunities for the development of logical thinking through the use of developmental logic games for children preschool age.

#### methods:

1. Theory: analysis of scientific psycho-pedagogical and methodological sources of the research problem;

empirical:

"Absurdity" RS Nemov

"Excluding the fourth extra" NL Belopolskaya

"Free classification" EY Agayev

2. Methods of mathematical processing of research results;

The practical significance of the research project: It lies in the fact that the project for the development of logical thinking age children can be introduced into the educational process and OED used in the work of educational psychologists and educators.

The novelty of the project: It is that the development of logical thinking will be through the use of developmental logic games. This will determine the most effective psychological - pedagogical conditions of development of logic thinking of senior preschool children.

# Testing and implementation of the project results:

On the topic of the study published two scientific articles and two accepted for publication.

**Structure:** Master's thesis consists of 81 pages contains an introduction, two chapters, conclusion, bibliography literature from 56 sources, the app contains 11 pages. Thesis is illustrated with tables in the number of 4 and 2 pictures