# LOGICAL FOR PRESCHOOL CHILDREN PEDAGOGICAL ASPECTS OF TEACHING GAMES

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***Abstract***
*This article presents logical games for preschool children pedagogical foundations of teaching, their influence on the intellectual development of children its importance in the educational process is also highlighted. Also logical independent thinking, analysis, comparison in children through the use of games, development of skills for generalization and solving problem situations issues have been analyzed.*
***Keywords:*** *preschool education, logical games, pedagogical approach, logical thinking, intellectual development, didactic games, educational process.*

## INTRODUCTION

Preschool age period child cognitive processes, thinking and intellectual the potential is an important stage in which it is formed. In children during this period observability, curiosity, independent thinking and problem solving Developing children's abilities is one of the main tasks of the educational process. In the modern preschool education system, logical games are an important part of children's mental development. recognition as one of the effective pedagogical tools that ensure its development being.

Logical games encourage children to think actively, causing them to understanding their connections, determining the relationship between the subject and phenomena and also forms independent inference skills. Logical games-this is the development of children's thinking operations focused is a specially organized gaming activity. Children objects through them comparison, grouping, generalization, analysis and inference learn.

From a pedagogical point of view, logic games perform the following functions:

- develops children's cognitive activity;
- improves logical thinking processes;
- strengthens attention and memory;
- increases speech activity;
- develops creative and critical thinking;
- develops independent decision-making skills.

When choosing logical games for preschool children, their it is important to take into account age and individual characteristics. Game assignments are simple and it should be interesting, match the child's chances of knowing.

Effective from the following logical games in the preschool organization used:

"Find the extra"

Children are presented with several pictures of objects, and one of them the sign that differs from the others is determined. Analysis and comparison of this game develops skills.

"Continue the sequence"

Colors, shapes or objects are arranged in a certain order. Child this the sequence must find the law and proceed. Game logical links helps to understand.

"Find your mate”

The task of pairing suitable objects according to shape, color or function is given. This game develops classification and grouping skills.

”Labyrinth"

Children try to find the right path along the given direction. This game has spatial imagery and the ability to solve problem situations develops.

“What has changed?”

The educator places several objects, then replaces one of them or hide. The child must determine the change that has occurred. This game is carefully and develops memory.

The role of the teacher in organizing logical games is of particular importance. The teacher should encourage children to think independently, not give ready-made answers, and guide them to search through problem questions. Also the game the use of stimulation methods in the process of further interest of children increases.

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In the development of children's logical thinking in the preschool education system modern pedagogical technologies occupy an important place. These technologies are making children an active participant in the educational process, their independent thinking, solving problem situations and developing creative approaches serves.

Logic games organized on the basis of STEAM technology science in children, the connection between the elements of technology, engineering, art and mathematics helps to understand. For example, using LEGO constructors, various in the process of creating structures, children analyze, plan and problems acquire solving skills.

Organized on the basis of interactive methods “mental attack", " cluster”, Methods such as” problem situation“, " BBB " (I know-I want to know – I know) activates the logical thinking of children. Through these methods, children have their own to freely express their thoughts, propose various solutions and draw conclusions learn

Gaming technology, ICT and digital didactic games organized with the help of educational tools make children's interest increases and increases the effectiveness of Education. Multimedia presentations, interactive completing logical assignments through boards and e-learning resources further develops cognitive activity of children.

In addition, the technology of personality-oriented education of each child logical games taking into account individual capabilities and interests allows

organization. As a result, independent thinking, self-assessment in children and reflection skills are formed.

LEGO technologies today, Dienes blocks, Kuizener rods as well as logical games organized on the basis of STEAM elements of children serving as an effective tool in the development of constructive and algorithmic thinking is doing.

Logical games in the intellectual development of preschool children is an important pedagogical tool. Logical thinking in children through them, Analysis skills to do, compare, generalize and solve problem situations form. Logical games purposefully organized by an educator increases children's interest in knowledge, develops independent thinking it will also raise the level of preparation for school education.

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