



# Methods for Developing Logical Thinking Skills in Preschool Children

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**Abstract:** The development of logical thinking skills in preschool children is important in their cognitive development. This article will bring effective ways to teach children to think logically. Through games, interactive activities, art and creative activities, as well as Q & A processes, children's thinking skills can be enhanced. These techniques help children develop problem solving, understanding cause-and-effect relationships, and creative thinking skills.

**Keywords:** Preschool age, logical thinking, cognitive development, games interactive activities, art and creativity, question and answer, problem solving, creative thinking, educational methods.

**Introduction:** Preschool children, i.e. children between the ages of 3 and 7, have the most important period to develop their thinking skills. During this period, children will have many opportunities to learn, understand and form logical thinking skills for the world around them. Logical thinking is the ability to solve problems, understand causal relationships, and express one's thoughts consistently. This article will consider the methods of developing logical thinking skills in preschool children.

## 1. Games and activities

Children learn through play. The following games and activities are recommended to develop logical thinking:

- **Constructors:** children develop logical thinking skills by creating shapes using different constructors. In the process, they develop the skills of realizing their thoughts, solving problems and creativity.

- **Puzzle games:** Pازل games help children develop logical

thinking. They learn to form a whole image by combining different parts.

- **Role-playing games:** children develop logical thinking and social skills by playing different roles. For example, through shopping in the store, doctor and patient games, they learn to solve problems.

## 2. Logical questions and problems

Asking children logical questions and creating different situations to solve problems is important in the development of logical thinking. For example:

- **Question and answer games:** asking children simple logical questions, motivates them to think and answer. For example, "if it rains today, what do we do?" questions.

- **Problem-solving situations:** giving children simple problem-solving situations, such as "how can we prepare food if we don't have enough nutrients?" questions.

## 3. Books and stories

Reading books and telling stories to children plays an important role in developing logical thinking. Through stories, children learn to understand cause-and-effect relationships, analyze characters, and observe events in a logically consistent manner.

**A) interactive books:** children can develop their thinking by teaching interactive books, asking them questions, and discussing events.

**C) telling a story:** telling stories to children and asking them for their opinions will help them develop their logical thinking skills.

## 4. Arts and creative activities

Art and creative activities are important in the development of children's logical thinking skills. Through drawing, handicrafts, music, and dance, children develop expression, creativity, and logical thinking.

**Drawing:** teaching children how to draw, the student develops their imagination and increases their logical thinking skills.

**Crafts:** creating crafts from different materials, develops creative thinking and logical relationships of children.

## 5. Logical games and exercises

Logic games: logic games and exercises designed for children, such as "Who, when, where?" to develop their thinking skills through games such as.

Working with numbers and shapes: children learn to think logically by working with numbers and shapes. For example, games related to colors, shapes and numbers.

## 6. Social activities

Working in a group-encouraging children to work in a group, expressing their thoughts and helping to solve problems together. In the process, children learn from each other.

The main thing is to develop the logical thinking of the child in the way of play. As the lesson did, its forced development does not lead to a positive result. If a preschool child is able to develop in every possible way, then it will be easy for him to achieve success later.

Games, logical questions, books, art and creative activities are important for the development of logical thinking skills in preschool children. These methods help develop children's thinking skills and prepare them for a successful future life. Preschools and parents are required to help children develop their logical thinking skills by using these techniques.

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