

Study on the cultivate strategies of preschoolers' school readiness abilities

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Abstract: The study is based on preschoolers' school readiness abilities in learning through games and play teaching strategies. **METHODS:** The study applied triangulation of data, including interviews, observations, and document analysis. An interview was conducted with the three parents, observations on three preschoolers, and their respective teacher's milestones records of development, learning, and playing were analyzed. The study found that teaching and learning strategies successfully prepared children's physical and mental development for elementary school enrollment. **Conclusion:** According to various resources, start from preschoolers' interests, cultivate their school readiness abilities by games and play-based learning to accompany preschoolers, and help preschoolers smoothly transition to the learning and life of the elementary school.

1. Introduction

Comprehensively do well in school readiness and school adaptation education to ensure the smooth transition of preschoolers from preschool to elementary school life, which is of great significance to their physical and mental health and lifelong development [1]. Cultivating preschoolers' interest in learning prepares them for the greatest gift of school readiness, promotes preschoolers' language and literacy skills through games[2], and tries to apply the knowledge and skills they have learned to applications. These strategies can cultivate preschoolers' school readiness abilities better. In addition, families, preschools, and elementary schools should establish a scientific and effective communication mechanism to promote preschoolers smooth transition to elementary school and adapts to elementary school life as soon as possible.

2. Information And Methods

2.1 General Information

Most qualitative studies have only a few interviewees in interviews, and then the data is analyzed in depth. Even some studies have only one research object[4]. Therefore, in the study, three teachers will be interviewed from three different universities in a province in southwestern China. The children of parents with higher education levels perform better in schools [5]. At the same time, the three parents each have a preschool child. The child does not suffer from any known physical or

cognitive impairment and any severe disease or condition. In this study context, observe the activities of these three preschoolers in the preschool. In addition, the three preschoolers' respective teacher's milestones records of development, learning, and playing of preschoolers were analyzed, which was a record of the performance of the three preschoolers in the preschool. The research period is two months, interviews and observations were conducted twice to obtain in-depth data. Informed consent was obtained from the interviewees and the teachers of the preschool.

2.2 Research Methods

This study used the triangulation method. This method is often used for qualitative research, including interviews, observations, and document records [5]. In addition, to ensure the research's reliability, the experts gave the evaluation results based on the Likert scale [6]. Next, according to the expert's evaluation results, the interview questions are modified to obtain the final effective and reliable interview questions.

2.3 Expert Assessments of Interview Questions

In this study, the content verification of interview questions was conducted via expert evaluation. Assessor to answer a Likert five score scale that is : (1) wildly disagree, (2) disagree, (3) not sure, (4), agree (5) strongly agree. The experts' assessment that is more than 70% of the coefficient value has high reliability. The formula for scoring evaluation is as stated here[7]:

$$\frac{\text{Total of expert score} / \text{the number of experts}}{\text{Maximum score}} \times 100\% = \text{Content Validation Achievement}$$

Based on expert opinions, the interview questions were revised, the whole percentage for each question exceeds 70% (see Table 1), which belongs to the high reliability. So, the researcher started a formal interview based on the high-reliability questions.

Table 1 Summary of experts assessments coefficient value on modified interview questions

No.	Modified interview questions	Experts assessments coefficient value	Experts opinions
1.	Do you think preschoolers' school readiness has what abilities need to be cultivated? As a parent, has there been any way to enable	86.7%	Accepted
2.	Have you ever used games to develop your child's independence or concentration? If so, can you tell me the details?	73.3%	Accepted
3.	What are strategies to cultivate preschool children's school readiness abilities?	93.3%	Accepted

3. Results

According to interviews, observations, and documents analysis, The research results are summarized into the following three themes: based on children's interests, make full use of surrounding resources, games are the primary way. Each parent was assigned a number for the sake of anonymity,' P' stands for parent (i.e., P 1 represents parent 1),' C stands for the child (i.e., C1 represents'Child1', who is the child of P1).

3.1 Based On Children's Interests

According to the interviews, the three parents agreed that the more interested the child, the more focused. In observation and document analysis, the researchers also found a similar situation. See Table 2 for details.

Table 2 Based on children's interests

Interview			Observation			Documents analysis	
Respo-ndent	Interview 1	Interview 2	Respo-ndent	Observation1	Observation2	Respo-ndent	
P1	She will focus on things she is interested in.	The picture books that she like to read, the more interested the more focused.	C1	_____	_____	C1	_____
P2	She is interested in and reading a long time.	She likes to draw, play with building blocks and Lego, which can last a long time	C2	_____	_____	C2	She likes to paint and paints seriously.
P3	_____	He likes playing Lego and can play a long time.	C3	_____	He attentively saw the ants carrying food.	C3	He will actively explore the things he is interested in.

3.2 Make Full Use of Surrounding Resources

Based on the interview, three parents encouraged their children to use various items at home and explore, such as using empty jars to create different shapes or distribute bowls and chopsticks

according to the number of members in the family. However, only C3 has similar behaviors in the observation, and no such records are found in the document records. See Table3 for details.

Table 3 Make full use of surrounding resources

Interview			Observation			Documents Analysis
Respo- ndent	Interview 1	Interview 2	Respo- ndent	Observation1	Observation2	Respo- ndent
P1	_____	My child combined the empty milk cans at home into various shapes.	C1	_____	_____	C1
P2	_____	When eating, I will ask my daughter to distribute bowls and chopsticks according to the number of members in the family.	C2	_____	_____	C2
P3	To encourage the child to explore and learn in life.	_____	C3	The boy brought a chair beside him and stood on the chair to take a scrip off.	_____	C3

3.3 Games Are the Primary Way

Whether it is interviews, observations, and document analysis, the researchers found that games are an activity that preschoolers are interested in. To cultivate various abilities of preschoolers through playing games, such as literacy, concentration, creativity, and execution ability. See Table 4 for details.

Table 4 Games are the primary way

Interview			Observation			Documents Analysis
Respo- ndent	Interview 1	Interview 2	Respo- ndent	Observation1	Observation2	Respo- ndent
P1	My child likes to play card	Games are activities that children are	C1	_____	_____	C1
						The child has her own

	literacy games.	interested in. Card literacy game can increase her literacy.				ideas and plans for playing games.
P2	I will play the Rubik's Cube Class game with her, playing the roles of the teacher and the student.	Games are activities that children are interested in. . I will accompany my daughter to play building blocks, puzzles, and the Rubik's Cube Class game.	C2	_____	_____	C2 The girl is very interested in painting.
P3	My son likes Lego games.	Games are activities that children are interested in. My son likes Lego games.	C3	The boy likes playing paper-finding play activities.	_____	C3 He explores things he is interested in in-game activities.

4. Discussion and Implications

Preschoolers' school readiness preparation is of great significance to the learning interest and life-long development. This study found that using the games and play-based learning strategies for preschoolers successfully prepares children's physical, mental development, interests, and readiness to enroll in elementary school. The researchers suggest three ways hoping to help parents, preschools, elementary schools, and education departments: that is, following the law of children's physical and mental development is the prerequisite; delaying in meeting requirements is the key; playing games with children is the primary way. For preschoolers' school readiness, cultivating the necessary abilities of preschoolers requires the active cooperation of parents, preschool, and elementary schools to promote the smooth transition of preschoolers from preschool to elementary school.

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