

The Use of Hand Doll Media to Improve Early Childhood Listening and Speaking Skills

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Abstract. This study aims to scrutinize the effect of using hand puppet media to improve listening and speaking skills. This study used Quasy Experiment with Posttest Only Control Group Design. This study involved 41 early childhood students in one kindergarten in Palembang, Indonesia. Data collection instruments used observation sheets. Data analysis used the t-test and F test to test the hypothesis. The results showed that (1) there was a significant effect of hand doll media on the skills of listening of kindergarten in children in Palembang. (2) there is a significant influence of hand doll media on the speaking skills of kindergarten children in Palembang, and (3) there is a significant influence of hand doll media on listening and speaking skills of kindergarten children in Palembang. It is indicated by the results of analysis with manova test obtained F at 13.756 and sig values of $0.000 < 0.05$ means H1 is accepted so it was concluded that there was a significant influence of hand doll media on listening and speaking skills of kindergarten children in Palembang. Consequently, teachers who are willing to develop the listening and speaking skills of students, they can utilize hand doll media in instructional practices in the classroom.

Keywords: *Hand Doll Media, Listening Skills, Speaking Skills, Early Childhood*

1 Introduction

Communicative ability is an important factor in the acquisition of target languages and must be given to early childhood. Communicative abilities include, among others, the ability to talk, listen, and interact. This is supported by opinions [1] there are four aspects of language skills, namely listening, speaking, reading, and writing. To improve communicative abilities, various teaching methods have been proposed. In the context of learning speaking skills, a teacher teaches two skills at once, namely speaking and listening skills.

In this context, a teacher needs to listen to the child's conversation because that way, he can help children to learn to monitor their listening skills to recognize the strategies they should use and improve their strategies when they are ineffective. In this listening activity, children listen, pay attention, and understand carefully what is conveyed by the speaker in line with opinions [2]. Listening has a significant role in the process of building communication and language learning, both in daily life and school life. This means that listening skills will be the basis of one's language skills in daily life and school life.

The ability to use language as a communication tool is often used as a benchmark for someone skilled in speaking. Someone said to be successful in speaking skills, when someone can use language to express ideas, feelings, and thoughts in the form of a monologue or dialogue or when children are able to express their goals and have conversations with others [3]. Developing children's listening and speaking skills will be more effective if using the right media. One of the media that can be used in learning in kindergarten is hand doll media. Hand doll media is an interesting medium for children. As the opinion expressed by [4] which states that hand dolls can improve children's speaking abilities, through hand dolls. Children can freely express their feelings without guilt or fear.

Learning conducted at TK Harapan Bangsa 5, Palembang has not used hand dolls as a learning medium for storytelling activities. So that children are less interested and cause children's listening, and speaking skills are still not optimal. [5] States that the use of hand dolls can improve children's communication related to listening and speaking. Therefore, hand dolls are the most effective media in learning to develop vocabulary and train themselves to listen and speak.

In line with research [6] the results show that children's listening and speaking skills increase with the use of hand doll media. Research from [7] revealed the fact that hand dolls are very good language teachers in addition to being entertainers and have a positive effect on children in language development that is communication-related to listening and speaking.

The purpose of this study was to determine whether or not the influence of hand doll media on listening and speaking skills in kindergarten children Harapan B group 5 Palembang. The hypothesis used is that there is a significant influence of folklore hand puppet media on skills of group B kindergarten children.

2 Research Methods

This type of research is a Quasi Experiment. The design in this study was Posttest Only Control Group Design. This study uses two classes, namely control and experimental classes, where the class determination is determined randomly. The design model is as follows:

$$\begin{array}{l} \mathbf{R (X)} \rightarrow \mathbf{O_1} \\ \mathbf{R} \rightarrow \mathbf{O_2} \end{array}$$

Information:

R: Random

O1: Posttest of the experimental group

O2: Posttest control group

X: Treatment (learning using hand doll media)

[8]

This research was conducted on group B children in Kindergarten Harapan Bangsa 5 Palembang, South Sumatra, which was started by conducting preliminary observations conducted from December to February 2018. The population in this study was all students of group B Kindergarten Harapan Bangsa 5 in Palembang 2018/2019 school year, which amounted to 41 people. So the number of samples used in this study also amounted to 41 people who were divided into two classes.

In research data collection techniques using observation. Observation technique refers to [8]; this observation uses the process of non-participant observation (non-participant observation) by placing the teacher as an independent observer. Data collection techniques in this study were observations made with instruments in the form of observation sheets about listening skills and speaking skills of kindergarten children in group B.

The data analysis technique used in this study is quantitative data analysis. The analysis consists of descriptive statistical analysis, prerequisite tests, and hypothesis testing. Descriptive data is done through descriptive analysis. The data that has been obtained is calculated on average, maximum value, minimum value, and standard deviation. Furthermore, it is interpreted into established criteria. The categorization of listening and speaking skills are presented in Table 1.

Table 1. Categorization of Listening and Speaking Skills

Score Range	Category
$X \geq \bar{X} + SB_X$	Very high
$\bar{X} + 1.SB_X > X \geq \bar{X}$	High
$\bar{X} > X \geq \bar{X} - 1.SB_X$	Low
$X < \bar{X} - 1.SB_X$	Very low

Information:

\bar{X} : Average overall score of students in one class

SB_X : Standard deviation of overall student scores in one class

X: Scores achieved by students

The data to be analyzed in this study are the pretest and posttest results of listening and speaking skills. Before the data that has been collected are analyzed hypotheses, the data must first meet several prerequisites. The prerequisites include tests of normality and homogeneity tests. Analysis of the data used to prove the hypothesis test in this research is the multivariate test and the Multivariate Analysis of Variance (Manova). This analysis was carried out with the help of SPSS 22.0 Software for Windows.

3 Research Results

The first hypothesis in this study is that there is a significant influence of folklore hand dolls on the listening skills of kindergarten children in group B, the Republic of Indonesia. Hypothesis testing is done by univariate tests to determine the significant effect between folklore hand dolls on children's listening skills. The decision criteria used are H1 accepted if the sig value ≤ 0.05 . Conversely, H1 is rejected if the value of sig > 0.05 . The following univariate test results are presented in Table 2.

Table 2. Univariate Test Results of Hand Dolls and Children's Listening Skills

Source		Df	MeanSquare	F	Sig
Doll	Listening	1	256,833	14,990	0,000

[9]

Based on Table 2, it can be seen that the value of F is 14,990, with a sig value of 0,000. The sig value is less than 0.05. This means that there is a significant influence of folklore hand dolls on children's listening skills.

In the learning process, the media becomes very important to make it easier for children to understand the material delivered by their teacher. The use of instructional media, according to [10] can provide convenience for teachers in describing, explaining, and disseminating subject matter so that it becomes more effective. Effective learning has a greater influence on the ability of students to catch in the learning process. This is consistent with the opinion [4] that puppets contribute as a medium that can increase self-confidence, cooperation, create emotional stimulus between teachers and students, and attract students' attention so that their learning outcomes increase.

The selection of hand dolls media is carried out with consideration in accordance with the level of education of children in order to generate interest. Doll media used in learning can provide opportunities for children to be able to develop their creativity and dramatic skills [11]. Children will feel more interested in listening to the shape of a doll with an interesting delivery. According to [12] said that Dolls contribute to raising children more active in asking questions.

The use of folklore using hand doll media has an influence on children's listening abilities. This is consistent with the opinion [13], In developing listening skills, as a result of certain research that investigates the use of metacognitive strategies, it is found generally that good listener use more metacognitive strategies and the use of these strategies increases the listening performance of students. The use of hand dolls media with folklore certainly attracts children's interest to pay attention and listen to the contents and course of the story. Therefore, listening to children will get information.

The second hypothesis in this study is that there is a significant influence of folktale hand dolls on the speaking skills of kindergarten children in group B Palembang Republic of Indonesia. Hypothesis testing is done by univariate tests to find out the significant effect between folklore hand dolls on children's speaking skills. The following univariate test results are presented in Table 3.

Table 3. Results of Univariate Test for Hands and Children's Speaking Skills

Source		Df	MeanSquare	F	Sig
Doll	Speak out	1	111,444	14,250	0,001

[9]

Based on Table 3, it can be seen that the F value is 14.250 with a sig value of 0.001. The sig value is less than 0.05. This means that there is a significant influence of folklore hand dolls on children's speaking skills. The use of folklore hand dolls in learning has an influence on children's speaking ability. Submitting folklore in interesting ways makes it easy for students to understand the contents of the story. Understanding the contents of the story will provide information and ideas to children. In communication activities, children must have vocabulary and information to convey. Speaking is one process of communication. In speaking, it must contain content of discourse, structuring information, sound settings, and things that support to strengthen the content of the conversation [14]. In speaking, there must be story content in order to train students to develop speaking through stories. This is in line with the opinion [15] that storytelling is a form of learning that can develop or improve children's speaking skills — in developing children's speaking skills, namely speaking based on pictures, interviews, and storytelling. However, because children aged 5-6 years have not been able to think abstractly, learning media such as hand dolls are used to help in storytelling.

Children's speaking ability is significantly influenced by the media of cheerful hand dolls. This is in line with what was expressed by [6] which states that the method of storytelling with hand dolls can improve children's speaking skills, because when children are given the task of talking with hand dolls, it will be seen that every child tries to talk freely, and feel confident in communicating. In an effort to achieve speaking skills, children need to be trained continuously because language is built through habits [16]. The more often children are trained, the more proficient they are at speaking. Correspondingly, [17] explained that training

students to speak does not have to be in a formal context or by discussing scientific problems. The teacher needs to have a simple dialogue with students to create friendly conditions so that students will be more comfortable responding to the dialogue. In learning, the dialogue is not only given by the teacher asking students to answer the material. In addition, [18] states that teachers can use formal language or language that is more relaxed so that students can understand the use of language in various situations.

The third hypothesis in this study is that there is a significant influence of folklore hand dolls on listening and speaking skills of kindergarten children Harapan B group 5 Palembang. The third hypothesis was analyzed by a multivariate test (Manova). The multivariate test was conducted to see the effect of folklore hand dolls on listening and speaking skills simultaneously. The analysis was carried out with the help of SPSS 22.0 software for windows. The decision criteria are H1 accepted if the sig value ≤ 0.05 . The results of the analysis are presented in Table 4.

Table 4. Manova Test Results

Variable	Test Name	Value	F	Hypothesis df	Error df	Sig
Hand doll	Hotelling's Trace	0,72	13,76	2	38	0,00

[9]

Table 4 shows that the results of the manova test can be seen in the Hotelling's Trace value of 0.724. The F value is 13.756, and the sig value is 0.000 < 0.05 . This means that H1 was accepted because of the value of sig < 0.05 . It means that there is a significant influence of hand puppets on the listening and speaking skills of kindergarten children in group B.

According to [11], storytelling can be done using visual aids (media). Children can use several techniques to make a story come alive, as told. The types of media that can add variety and increase storytelling are using the media for drawing flannel boards, puppets or dolls, and objects.

Children's ability to speak comes from the amount of information that children get from listening to stories or material delivered by others. To listen to children becomes an ability. There is no ability to listen to children but through a process. This is in line with the opinion expressed [19] that listening is an activity that is a process. In the listening process, there are stages, including the listening stage, the understanding stage, the interpreting stage, the evaluating stage, and the responding stage. While the development of listening in kindergarten age children, namely identifying basic colors and shapes; can demonstrate the understanding of special relationships, for example in, under, near, on the side; can follow complex instructions; able to hear a long story and identify the character of the story, understand and use all types of sentences and clauses; and store information in the right order.

In achieving the ability to speak, children must have language skills. For this reason, it is necessary to improve children's ability to speak. This is in line with an opinion [20], revealing that in improving communication skills, in particular, the success obtained by speaking and the power of speaking effectively is considered directly proportional to the quality of life of individuals. Speech skills are essentially the skills to reproduce the flow of the articulation sound system to convey the wants, needs, feelings, and desires to others [21].

Speaking skills, according to EI-Basel, are interpreted as the fundamental skills needed for someone to succeed in life. [22], The ability to speak is included in the communicative ability. The communicative ability, among others, the ability to talk, listen and interact. Direct speaking skills can be observed during interactions or communication with others. Dorgan revealed that speaking skills play an important role in the communication process. Developing speaking skills can help create effective relationships among individuals in the community. This has become an important part of their daily lives and as a learning tool [23]. The ability to listen to children has an effect on the ability of other children, one of which is the child's ability to speak. By listening to children can get information through stories or materials delivered by the teacher. This information will then be processed into various vocabulary or ideas that can be expressed by children. Interest in listening to children is influenced by the learning media used. In this study, the use of hand doll media can affect children's listening and speaking abilities.

4 Conclusions and Suggestions

The ability to listen to children has an effect on the ability of other children, one of which is the child's ability to speak. By listening to children can get information through stories or materials delivered by the teacher. This information will then be processed into various vocabulary or ideas that can be expressed by children. Interest in listening to children is

influenced by the learning media used. In this study, the use of hand doll media can affect children's listening and speaking abilities.

Based on the results of the study, some conclusions can be drawn as follows. First, there is a significant influence of the folklore hand doll media on the listening skills of the Harapan B group 5 Kindergarten Palembang. Second, there is a significant influence of folklore hand doll media on the speaking skills of kindergarten children Harapan B group Palembang 5. Third, the significant influence of folklore hand doll media on listening skills and speaking skills of kindergarten B group Harapan 5 Palembang students. This means that the use of hand doll media can develop and improve the listening and speaking skills of kindergarten children in group B.

Suggestion

Suggestions that can be given based on the conclusions of this study are for Kindergarten B Teachers to be able to consider using hand doll media as an alternative in learning in schools. This media is proven to have a significant influence on the listening and speaking skills of kindergarten children in group B. This media needs to be applied in learning so that students' listening and speaking skills can be improved. In addition, this media is also able to help teachers to improve other skills; for the next researcher, it is recommended to conduct further research related to listening and speaking skills of kindergarten children with hand doll media using different aspects.

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