

**IMPLEMENTATION OF NUMBER CARD MEDIA ON UNDERSTANDING THE  
CONCEPT OF CHILDREN'S NUMBER IN GROUP B IN RA AL HASANI  
TAMPUNG BARU, LEKOK DISTRICT, PASURUAN REGENCY**

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**ABSTRACT**

*The concept of numbers in kindergarten in game learning guidelines, namely: the concept of numbers is part of mathematics, it is needed to develop numeracy skills that are indispensable in everyday life, especially the concept of numbers which is also the basis for developing mathematical abilities and readiness to follow basic education (Dewi, 2013). This research uses a qualitative approach with descriptive qualitative research. Data collection is done by using the method of observation, interviews and documentation. The results showed that the implementation of number card media on the understanding of children's number concepts can be done optimally, namely by providing educational and fun activities so that students during learning do not experience boredom.*

**Keywords:** *Number Concept, Number Card Media*

**PRELIMINARY**

Early childhood is a group of children who are in a unique process of growth and development, in the sense of having a pattern of growth and development (fine and gross motor coordination), intelligence (thinking power, creativity, spiritual intelligence), social emotional (attitude and behavior and religion), language and special communication according to the level of growth and development of children. According to the Law of the Republic of Indonesia No. 20 of 2003 article 28 paragraph 3 concerning the National education system states that early childhood education through formal education is in the form of Kindergarten (TK), Raudhatul Athfal (RA) or other equivalent forms.

The concept of numbers in kindergarten in game learning guidelines, namely: the concept of numbers is part of mathematics, it is needed to develop numeracy skills that are indispensable in everyday life, especially the concept of numbers which is also the basis for developing mathematical abilities and readiness to follow basic education (Dewi, 2013).

This lack of understanding of the concept of numbers and lack of concentration while studying is what happened at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency. Problems like this trigger researchers to conduct research at this institution. Because the ability of children about the concept of numbers will also trigger the cognitive development of children. We also have to know that numbers are an important indicator in both academic and non-academic learning. It is very important for an educational institution to provide excellent

learning in this golden age of early childhood. And now is the right time to implement learning methods to increase knowledge of number concepts which are included in one of the efforts to develop cognitive abilities.

## **RESEARCH METHODS**

Scientific research is research that has scientific principles and methods. Therefore, a methodology or research design is needed that includes various aspects and steps taken by researchers in carrying out their research. The research was conducted at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency, Pasuruan Regency. In addition, the research method is basically a scientific way to obtain data with certain goals and uses. Based on this, there are four keys that need to be considered, namely, scientific method, data, purpose and use. In this study, the researcher used a qualitative approach with descriptive qualitative research.

## **RESULTS AND DISCUSSION**

### **1. The Development of Understanding the Concept of Children's Numbers using Number Card Media in Group B at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency**

In understanding the concept of numbers, each child has a different stage of understanding. At RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency, researchers measured the ability to understand the concept of numbers in group B children aged 4-5 years, totaling 22 children with the criteria for 11 boys and 11 girls. From the research that has been done, the researcher examines how the development of understanding the concept of numbers by doing daily assessments. Most of the development of understanding the concept of children's numbers at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency developed as expected. Based on the results of interviews with the principal, namely Mrs. Asmaul Khusnah, S.Pd, as follows:

"In the development of understanding the concept of numbers for early childhood, especially children aged 4-5 years, children are able to count from numbers 1 - 20. This year students in group B must be able to count because the concept of numbers is very important for the future. Even in class, teachers must make modifications to the teaching of numbers, so that students will be enthusiastic and study hard." (Wc/Ks/01/26-02-2022)

Likewise, what was conveyed by the class teacher, Mrs. Lia Sholikhah as follows:

"With the media of number cards, children will understand the concept of numbers very quickly. I think this is a good idea to improve this way of learning in RA. Children will be very enthusiastic about the number card media game. So that when learning, children are not bored." (Wc/Gr/01/26-01-2022)

From the results of interviews conducted by researchers with school principals and class teachers, it can be concluded that the learning carried out by researchers using number cards will accelerate the understanding of students' number concepts in group B at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency. By using the media, this number card is considered to develop according to expectations for understanding the concept of numbers in children.

## **2. Implementation of Number Card Media on Understanding the Concept of Children's Numbers in Group B at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency**

In understanding the concept of numbers, this child uses number card media. Where the media is in the form of cards and there are colorful numbers. The child will be asked questions from the educator and the child will answer the questions given by the educator. If there is an error in answering, the teacher will give directions on how to pronounce the numbers. As stated by Mrs. Aisyah as a class B teacher who stated that:

"In my opinion, this is one way and the right media to carry out activities to understand the concept of numbers through the media of number cards. Number cards make children feel disrespectful with various forms of numbers because on the number card media there are several innovative models that do not make children feel bored". (Wc/Gr/02/28-01-2022)

## **3. Constraints Faced by Teachers in Developing Understanding the Concept of Numbers Through Numbers Card Media.**

According to the results of observations and interviews, in the learning process there must be an obstacle he faces. Moreover, it includes a number, which not all children can understand easily. In early childhood learning, face-to-face learning activities are needed. Because early childhood is the golden age, where children must be ensured to grow and develop well, one of which is academically. There are several obstacles in learning about understanding the concept of numbers. It is not easy for early childhood to understand the concept of numbers, but with this number card media children will easily understand. And the development of children regarding the understanding of the concept of numbers is quite significant. (Obs/Pembl/01/23-01-2022)

This was also explained by Mrs. Aisyah as a class teacher, she stated that:

"Understanding the concept of numbers in early childhood is not easy. If educators are not creative in the form of teaching, children will find it difficult to understand. Several times I saw children still mispronouncing the numbers on the number cards, but that was just the beginning. After several times playing number cards, children can understand numbers. And already starting to be able to count from 1 to 20 ". (Wc/Gr/03/28-01-2022)

Based on the results of the interviews above, it can be concluded that the face-to-face learning model in understanding the concept of numbers using number card media experienced several obstacles but only at the beginning. When they have played number cards repeatedly with clear teacher explanations, children can guess and sort numbers.

#### **4. Teacher's Efforts in Improving the Understanding of Number Concepts for Children in Group B through Number Card Media**

The teacher's efforts in developing understanding the concept of numbers in children, namely by providing good explanations to students, and also encouraging students so that these students have the motivation to always follow learning activities well. Besides that, the number card media used is a number card that has a variety of colors, so that students are not bored in learning and seeing the number cards. As the interview conducted by the researcher with Mrs. Aisyah as a group B teacher at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency, as follows:

“In this learning activity, as educators we must be able to think of creative ways that are easily understood by our students. As educators, we must also pay attention to our surroundings and be able to make activities fun and not burden anyone. Therefore, the activity of understanding the concept of numbers is carried out with the media of number cards and makes the atmosphere pleasant, so that the class situation is not frozen.” (Wc/Gr/04/26-01-2022)

As for the opinion of Mrs. as the principal of the RA Al Hasani Tampung Baru school, Lekok District, Pasuruan Regency, she stated that:

“Indeed, as educators, we must try our best to realize our goal, which is to educate the nation's life. Where we instill this good education from an early age, one of which is academics. This number card media is very effective for increasing the understanding of the concept of numbers in children. Not only by providing media, but we as educators must be able to provide good and easy-to-understand explanations so that students can easily understand what we explain. Don't forget that we must make the learning atmosphere fun, so that students feel happy when learning. (Wc/Ks/04/26-01-2022)

Based on the description above, it can be concluded that increasing understanding of the concept of numbers through the media of number cards in early childhood group B at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency is very effective as a learning method. Students become able to understand and count from numbers 1 to 20. As long as the teacher can apply these activities to be easy and interesting for children. Do not forget also that the teacher must always accompany the children when learning takes place.

#### **CONCLUSION**

Based on the discussion that the author describes in the chapters above and from the results of the analysis of this paper, conclusions can be drawn, namely; The implementation of Number Card Media on Understanding the Concept of Children's Numbers in Group B at RA Al Hasani Tampung Baru, Lekok District, Pasuruan Regency can be carried out optimally, namely by providing number card media activities for understanding the concept of numbers that are interesting and fun so that students during face-to-face learning advance.

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