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Research Article

Recycle System in Reading Ability Language English Beginning Child Age Early

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Abstract

Early English reading skills of early childhood children require creativity from parents and educators in developing recycling-based learning media (recycle system). This study is an experimental study with the One-Group Pretest-Posttest Design model. This study uses one group and conducts a pretest before being given treatment, followed by a posttest. The sampling technique uses the technique total sampling Which covers all over child group B in Early Childhood Education RA Al-Musabbihin with 20 children. The results of the research data analysis showed a determination level of 40.6%, which means that there is a significant influence on learning media based on the recycle system on the early English reading skills of early childhood children at Paud Baitul Amal. Thus, educators can utilize the recycle system to fulfill early English reading learning media in early childhood education.

Introduction

English language skills in the era of communication are an important point that every individual must have. Even the issue of globalization now demands quality human resources with English language skills. Early English learning in early childhood is the provision of experience and knowledge related to the use of English through stimulation. As Tajuddin (2014) said that to learn read on child age early must Which nature stimulation, so that children are interested or happy with reading activities, for example reading books story illustrated, play guess picture Which interspersed with introduction letter early. However, the English language in question is not as complex as learning for adults. Language English Still become Language Which foreign For child, so that in the learning process must done in a way gradually And continuous (Novitasari et al., 2019).

Early English is given to children with various methods and media that are fun and interesting for children. The components taught in early English for early childhood according to Scoot (2000) include listening, speaking, reading, and writing skills. In early English, not all components have to be mastered instantly, because... all need process Which No easy for child. However Wrong One An important component taught to early childhood is reading , followed by other components. As Suganda (2016) mentioned that reading is one of the most important skills in language learning . With the ability children in

reading, other abilities will also develop such as writing, and gradually children will also be able to pronounce the words they read, until finally the child is able to speak and communicate using English simply. This is also in line with the opinion Cameron (2001) that the link between reading and oral skills is very strong because of children adopt and play with the language of the story .

reading ability in English leads to children's development in translating symbols and images as a form of the process of interpreting a text in Language English. Read (reading) early in This research is read writing on picture as a effort fulfillment vocabulary For early childhood. This vocabulary is adapted to the material of activities currently taking place at school. As Yamin (2017) explains, in the early stages, reading activities Also very beneficial For develop vocabulary student. For That educators too must capable adapt method with media Which used on early English learning as stimulation for early childhood. Because child development is inseparable from influence environment And stimulation Which child get. As opinion (Suganda, 2016) t eaching children or young learners is note easy because they have their unique characteristics in learning .

Early reading ability can be seen from several criteria including (a) Being able to imitate 4-5 word sequences; (b) Being able to tell stories with pictures provided by the teacher; (c) Being able to read picture stories and then retell them; (d) Being able to connect pictures with writing; (e) Being able to read several words based on pictures, writing, and objects that are known or seen; (f) Being able to distinguish words that have the same initial syllable; (g) Children can read at least 4 words fluently (Sumadoyo, 2013). Of the seven criteria, the researcher only took four criteria. most relevant to this study is early reading for early childhood. The four criteria are being able to imitate 4-5 word sequences, being able to read several words based on pictures, writing, and objects that are known or seen, capable differentiate words Which Which have ethnic group beginning Which The same, and can read minimum 4 say with fluent.

Learning media in early childhood education is anything that can be used to conveying messages from the sender to recipient of the message so that it can stimulate the thoughts, feelings, and interests and attention of early childhood children in such a way that the learning process occurs (Khadijah, 2016). Good media is media that can increase children's interest in learning, is fun and can be a conduit message Which friendly on child. As written Nur Rahman (2019) that learning by using learning media will make children active, not just sitting, but children will independently choose their own learning activities according to their wishes with supervision. educators and studying together peers. Coupled with the rise of environmentally friendly education. Of course, the media developed should also include friendliness to the surrounding environment. As Novitasari et al. (2020) stated that learning activities for children are carried out using fun and preferably environmentally friendly learning media, or better yet, have economic value for schools so that they provide more income for schools and teachers. Furthermore, good media should also be able to form effective communication between educators and children, as well as between one child and another. Two-way communication that produces feedback so that the learning process becomes more enjoyable with the media. Especially in early childhood English reading learning, media can be audio, visual, or tactile that is interesting and appropriate to their developmental stages.

Recycling is the third part of the 4R waste processing process (Reuse, Reduce, Recycle And Replace). Cycle repeat (recycle system) is processing return used materials in the form of dry waste its economic value is low or even non-existent mark economy become a goods Which valuable And useful for human life. Recycle System can be done on glass, plastic, paper, metal, textile, and electronic waste. As (Setianingrum, 2018) explains , recycle is done by changing used goods into other more useful objects. And worthy use. Media learning Language English For child age early Also can be made through a *recycle system process* that contains themes and is adjusted to the stages of child development, making it a child-friendly media and friendly to the surrounding environment. However, what happens in PAUD is that learning media, especially for children's English *reading* , is still very limited. This is because the media offered by sellers increases the number of expenses for the school. So teachers often use simple image media that are less interesting child attention. The crowd learning media that is not offered can also directly reduce teacher motivation in developing English language learning media beginning child. Whereas with create media learning in a way independent can adapt with condition school, material activity learning, characteristics children, and their development stages.

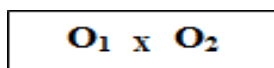


Picture 2. Media Board Spin based on *Recycle System*

Furthermore, creating learning media independently has many benefits, namely in addition to being able to adjust to the availability of the environment, it can also utilize objects that are no longer used to be useful. As the learning media above which is made of cardboard and used paper so that in addition to being used in learning English for children, it can also process waste more wisely. However, we must know whether media based on *the recycle system* functions and is beneficial for child development. So this study was conducted in order to obtain accurate data on how children's early *reading abilities with* use media based on *recycle system* on learning Language English early childhood. *Recycle System* -based turntable media can be seen in Figure 2.

Method

This study is an experimental study with the One-Group Pretest-Posttest Design model. This study uses one group by conducting a pretest before being given treatment, and continued with a posttest. As (Sugiyono, 2016) explains, thus the results of the treatment can be known more accurately, because it can be compared with the conditions before being given treatment. Figure 3 is a *One-Group* research design *Pretest-Posttest Design*.



Picture 3. Design Study *One Group Pretest-Posttest Design*

Explanation of this research design O_1 is the *pretest value* (before training was given), O_2 is mark *posttest* (after given training), And X is *Treatment* (treatment which are given).

This research was conducted in January - March 2022 at Paud RA Al-Musabbihin. The population on study This covers all over child group B in Early Childhood Education RA Al-Musabbihin Which amount to 20 child. Furthermore sample study taken with use technique *total sampling* is a sampling technique when all members of the population are used (Sugiyono, 2016). The number of populations and samples can be seen in the table below:

Table 1. Population And Sample

No	Group	Amount Child
1.	B1	8
2.	B2	12
3.	Amount	27

The data collection technique was carried out through observation techniques, where observations were carried out twice, namely before and after treatment was given. The treatment given to children in group B PAUD Baitul Amal was the use of a turntable media for three meetings. With the turntable media from *the recycle system*, children can do various activities including imitating say speak English, read say based on writing Which available on the turntable, match say in Language English with Language Indonesia, differentiate the word that have the first tribe Which The same. After give treatment And to obtain data through observation, researchers conducted data analysis techniques using SPSS *Software*. The following is a research hypothesis with H₀ if there is no influence of learning media based on *recycle system* to ability *reading* Language English beginning child age early and H_a If there is influence media learning based on *recycle system* to Early childhood English *reading* skills.

Results And Discussion

Result

Early English learning is the first step in introducing a foreign language to young children. With the development in the millennial era, English is a language that is very dominantly used by society, besides that at the age of 0-8 years, human brain development skyrockets, estimated to reach 80%, this is the basis for children to be equipped as early as possible. Research data was obtained through observation Which done moment learning in progress Good before given treatment and after using SPSS *Software*. The results can be seen in Figure 4.

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 Pretest & Posttest	27	-.638	.000

Picture 4. Results 1 Processing data SPSS

Based on Figure 4, it is known that the significant value of 0.000 is smaller than 0.05, so H₀ rejected. With thus H_a accepted Which It means there is influence media *recycle system* -based learning towards early *reading skills* of early childhood. By introducing English as early as possible, it means equipping the nation's people to be able to navigate the world of science and technology freely, but still prioritizing national culture (Charlotte, 2014). As Tyaningsih (2016) emphasized that learning Language English Which done as early as Possible is the right step. However, without media, it would certainly be difficult for parents and teachers to provide learning Language English to child. Furthermore Krishna (2015)

think that learning English will be more fun if you use games as a medium rather than just using the lecture method, because basically children age early more like game. So that besides method, media Parents and teachers must also prepare for early childhood English learning.

Furthermore, Dewi (2017) explains that learning for early childhood requires an intermediary or someone commonly called media learning, where with existence Learning media can divert children's attention so that they don't get bored quickly or are able to concentrate on an activity for a long time compared to not using learning media. The learning media in question include media that are colorful and attractive to children, media that can move and stimulate attention child, media Which emit sound Which liked child, And and so on. Besides That in a way technical method learning Which Good Of course will need intermediaries to be efficient in delivering material to early childhood. As Mustika (2015) explains that position media in component learning very important even parallel to the learning method, because the method used in the learning process will usually demand what media can be integrated and can be adapted to the conditions faced. It is not impossible for learning activities to take place without media. However, the urgency of media in the learning process of early childhood is very tall And related close on achievement development child. Matter This covers on early *reading skills* of early childhood. Furthermore, to find out how much influence, a regression analysis was carried out which can be seen in Figure 5.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.638 ^a	.406	.383	1.76134

a. Predictors: (Constant), Posttest

Picture 5. Results 2 Processing data SPSS

Based on Figure 5, the *R Square* value is 0.406 or 40.6%, meaning that the level of determination of learning media based on *the recycling system* on the early *reading abilities* of early childhood children is 40.6%. Teacher with all task main And its function as teacher And Educators should have creativity in matters of designing learning activities from the start of planning to the assessment process including developing media. In addition to facilitating the delivery process, it also helps children to be light in receiving learning. So that the selection of learning media is appropriate and appropriate. with need And objective learning And student to obtain results Study the good one (Nurrita, 2018). Media Which developed No must emit capital Which big, teacher can take advantage of availability from environment around and reprocessed become an appropriate media. This means that the media must be adjusted to the theme in Paud, the media also needs to balance with the stages of child development. For example in language learning English with theme myself, so media Which made covers body parts , sensory organs, and so on which are made in English. As conveyed by Rohmalina (2016) that after the implementation of 3R in the provision of learning media at PAUD Siaga Kota Cimahi, the results achieved were that educators were increasingly motivated and creative. utilizing other used goods as learning media, thus producing works. So with *the recycling system* we not only become professional teachers but also creative and innovative educators, even showing evidence of love for the environment. As recommended by Tyaningsih (2016) that with understanding And deepening Which Good expected Teacher can use their creativity in teaching so that the learning process becomes more effective and appropriate.

Media used during language learning English makes children interested and excited, although media Which used made from ingredients No used which is reprocessed. As the results of the study it is known that there is an influence of learning media based on *the recycle system* on the early *reading skills* of early childhood children at Paud Baitul Amal. This is clearly seen in the learning process, children seem enthusiastic about using the media and trying it according to the directions given by the teacher. Learning activities take place while playing and do not make it difficult or burdensome for children. Matter This in line with results Novitasari's research et a. (2020) that although media made from used materials with a *recycling system* , media can be used in PAUD to deliver learning materials . The media based on *the recycle system* used is very useful in the process and results of children's learning. Based on the results of the research, the *recycle system* media has a significant effect on the early English *reading*

skills of early childhood children with a determination level of 40.6%. This is in line with the results of Handayani's research et a. (2013) that use media material used proven can improving the stringing skills of Baitul Amal PAUD students.

Conclusion

Based on the research results, it can be concluded that language learning media English based on *recycle system* influential significant to ability early childhood English *reading with a significant value of 0.000 which is smaller than 0.05* and the magnitude mark determination reach 40.6%. With thus Teacher Can utilise *recycling system* to meet the needs of early English *reading learning media in early childhood education*.

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