

Media Development Pop Up Book Kota Onde-Onde To Stimulate Early Literacy Skills Of Children Aged 5-6

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Abstract

Based on the observations of researchers, the cause of the lack of maximum ability of students in early literacy is because teachers are still less interesting in providing activities in learning, so that students are easily bored and not interesting for students. This study aims to develop Pop Up Book Media onde-onde City, evaluate the impact of the stimulation of early literacy skills and is expected to provide positive learning and a solid foundation for further development and test the feasibility and effectiveness. The type of research used is Research Development (Research & Development) or commonly abbreviated as R&D. The development research Model that will be used by researchers in developing media Pop Up Book onde-onde City is ADDIE model. The results of this study were seen based on the implementation of product trials conducted in TK Dharma Wanita Mojokerto with a small group test of 5 students obtained a final percentage value of 74% (Valid) and in TK Taman Indria 01 Malang obtained a final percentage value of 88% (very Valid), while for large group trials in TK Dharma Wanita Mojokerto totaling 11 students obtained a final percentage value of 92% (very Valid) and in TK Taman Indria 01 Malang obtained a final percentage value of 94% (very Valid). Thus, the Pop Up Book media of Onde-onde City is declared worthy to be used in the learning process of children aged 5-6 years.

Keywords: Media; Pop Up Book; Early Literacy

1. Introduction

Early literacy in early childhood it has great urgency in the development of students. Therefore, early literacy is very important because, early literacy is the foundation of solid learning. Based on the observations of researchers, the cause of the lack of maximum ability siawa in early literacy diberekan teacher is still less interesting in providing activities in the learning, so that students are easily bored and not interesting for students. By providing various stimulation and with interesting learning media and developing innovations that are able to overcome these problems so that classroom learning is more optimal (Lestari, 2019). The purpose of this study is to develop *Pop Up Book* Media Onde-onde City and evaluate the impact of stimulating early literacy skills and is expected to provide positive learning and a solid foundation for further development. Thus, this study has relevance and urgency to support stimulation of early rudeness abilities at the age of 5-6 years. The novelty of this media is the introduction of typical Mojokerto food starting from the emergence of onde-onde to the materials used to make onde-onde, so that indirectly students learn to know onde-onde. Media *Pop Up Book* Kota Onde-onde is a book in which it is designed to create a three-dimensional effect (3D) when each page is opened and add interest to the reader because of the visual surprise when making the book. *Pop Up*

This Book contains about typical Mojokerto food that is onde-onde. Early literacy skills are skills in providing the basics of reading, writing and counting from an early age.

2. Method

2.1. Types Of Research

Type of research used is Research Development (*Research & Development*) or commonly abbreviated as R & D. This research and development method is a research method used to produce certain products and test the effectiveness of the product. . Research R & D is a process or steps to develop a new product or improve existing and accountable products (Goleman, 2019). That product developed in this study is the media *Pop Up Book* onde-onde City. Models research development that will be used in developing media *Pop Up Book* The city of Onde-onde is an ADDIE model. There are five stages in the development model ADDIE, among others, Analysis (*analysis*), Planning (*design*), Development (*development*), implementasi (*implementation*), dan evaluasi (*evaluation*)

2.2. Time and place

The research was conducted in two kindergarten options, namely TK Dharma Women Mojokerto or kindergarten Taman Indria Malang in June-July. Process stages making media *Pop Up Book* onde-Onde city began in June.

2.3. Subject and object

The subject of this study is *Pop Up Book* onde-onde City to be studied its feasibility and effectiveness to stimulate children's early literacy abilities Group B. The object of this study is the media *Pop Up Book* Onde-onde City will be used to stimulate the early literacy abilities of children aged 5-6 years.

2.4. Research and development procedures

a. Analysis

The first step is to analyze the needs with review the problems that exist in the learning environment and characteristics students.

b. Design

The second stage is the design planning per page on *Pop products Up Book* onde-onde City aiming for concept planning manufacture of products.

c. Development (Development)

The third stage is the development of problems has been in the previous analysis to improve product quality in accordance with the existing problems for the creation of Learning media ready for implementation.

d. Implementation (Implementation)

The fourth stage is to implement the product results from development to consumers or research subjects, after that the development is applied to the actual conditions in class.

e. Assessment (Evaluation)

The last stage is to evaluate the product development results in order to know the feasibility of the product, worthy or not used in learning

2.5. Data Collection Instruments

Data collection instruments in research is a tool used to measure research variables and find answers about problems that have been formulated before. Preparation of divided instruments into four types based on the role and position of the subject in this study, the grid instruments in the following table:

Tabel 2.2 Kisi-kisi Instrumen Penilaian untuk Ahli Materi

Aspek yang Dinilai	Indikator	Nomor Soal
1. Edukatif	Kejelasan sistematika dan alur materi dalam media	1
	Kesesuaian materi dengan tujuan pembelajaran	2
	Kesesuaian materi dengan karakteristik siswa	3
	Menstimulasi peningkatan pengetahuan siswa	4
2. Teknis	Kejelasan dalam penguraian materi	5
	Kesesuaian gambar/ ilustrasi dengan materi	6
	Ketepatan dalam penggunaan bahasa	7
	Kesesuaian judul dengan materi yang disajikan	8
3. Manfaat	Kemudahan penggunaan bagi guru dan siswa	9
	Pembelajaran efektif lebih	10
	Menstimulasi keaksaraan awal siswa	11

Tabel 2.3 Kisi-kisi Instrumen Penilaian untuk Ahli Media

Aspek yang Dinilai	Indikator	Nomor Soal
1. Desain	Kemenarikan tampilan media	1
	Ketepatan tata letak (<i>layout</i>)	2
	Ketepatan pemilihan warna	3
	Ketepatan pemilihan gambar/ ilustrasi	4
	Kejelasan tulisan dan ukuran huruf	5
	Ketepatan pemilihan bahan pembuatan media	6
	Kesesuaian bentuk dan ukuran media	7
2. Edukatif	Ketepatan penggunaan bahasa	8

3. Teknis	Efisiensi dalam penggunaan media	9
	Memudahkan dalam penyajian materi	10
4. Manfaat	Meningkatkan pengetahuan siswa	11
	Menarik perhatian siswa	12
	Menstimulasi keaksaraan awal siswa	13

Tabel 2.4 Kisi-kisi Instrumen Penilaian untuk Ahli Bahasa

Aspek yang Dinilai	Indikator	Nomor Soal
1. Edukatif	Kesesuaian materi dengan bahasa yang digunakan	1
	Kejelasan alur materi dan bahasa yang digunakan	2
	Kesesuaian bahasa dengan karakteristik siswa	3
2. Teknis	Bahasa mudah dimengerti	4
	Ketepatan bahasa penggunaan	5
	Efisiensi dalam penggunaan media	6
3. Manfaat	Pembelajaran lebih interaktif	7
	Efektivitas pembelajaran	8
	Menarik bagi siswa	9
	Menstimulasi keaksaraan awal siswa	10

2.6. Data Analysis Techniques

Analysis conducted in this study is by grouping the types of data obtained so easily understand the data and interesting conclusion. For data analysis techniques using descriptive analysis techniques quantitative and qualitative. Data analysis is performed after obtaining data from all research sources include media experts, material experts, and linguists with using the *likert scale* as in Table 5 below:

Tabel 3. 4 Skor Skala Likert

Pernyataan Sikap	Skor
Sangat Baik	4
Baik	3
Kurang Baik	2
Tidak Baik	1

(Sumber: Sugiyono, 2015, [hlm.135](#))

Figure 3.3 Likert Scale Score

Determine the average score obtained from the questionnaire of media experts, material experts questionnaire, questionnaire teacher and student response questionnaire (Suharsimi, 2005: 264) the formula is as follows:

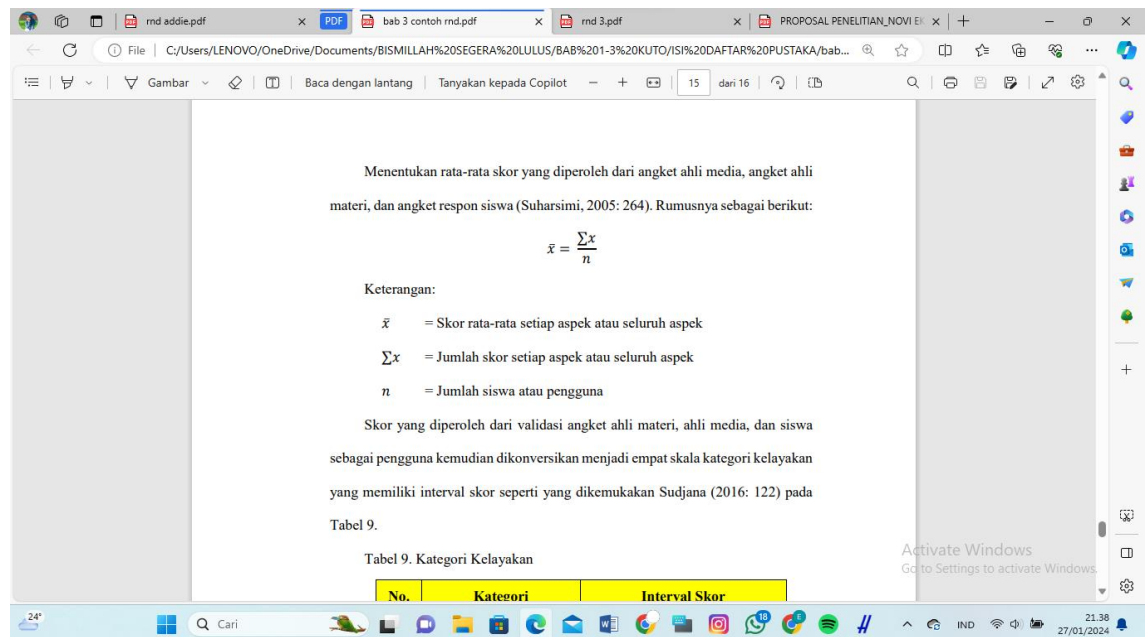


Figure 3.4 formula for calculating the likert scale

The score obtained from the validator is then converted into five scales practical assessment criteria (Apriliana, 2019). For percentage score to calculate the percentage of the assessment of the material experts, media experts and linguists as follows:

Skala	Indikator
80% - 100%	Sangat Baik
70% - 79%	Baik
60% - 69%	Sedang
50% - 59%	Kurang
0% - 49%	Sangat Kurang

(sumber: Suharsimi Arikunto, 2016: 245)

Figure 3.5 Percentage Score

For the formula calculates the percentage as follows:

$$P = \frac{F}{N} \times 100 \%$$

Keterangan :

- P : Persentase skor
- F : Jumlah skor yang diperoleh
- N : Jumlah skor maksimum

Figure 3.6 Formula For Calculating Percentages

Based on these criteria, the data obtained more than 60%, then the media it can be used by students in learning (Melinda & Lazwardi, 2020).

3. Results and Discussion

3.1 Result

At this stage the researchers carry out validation to the experts. Before this process implemented, researchers have prepared a validation instrument on each of the experts as assessment conducted by expert material experts, media experts and linguists as well as researchers also make an interview questionnaire in writing for the assessment conducted by master.

a. Material Expert Validation Test Results

Media Development *Pop Up Book* onde-onde city has been assessed by one material expert. Media evaluated by Mrs. Wuri Astuti, S.Pd., M.Pd as Lecturer Department Of Teacher Education Early Childhood Education Faculty Of Education Sciences Bad State University. The media assessment data obtained as follows:



Figure 3.8 *Material Expert Validation Results Diagram*

The results of the validation test conducted by material experts obtained the percentage value by 90%. So, based on the percentage value it can be stated that the media made by excellent researchers and worthy of use with appropriate revisions and suggestions.

b. Media Expert Validation Test Results

Media Development *Pop Up Book* onde-onde city has been assessed by one material expert. Media assessed by Mrs. Herlina Ike Oktaviani, M.Pd as Lecturer Department Of Educational Technology Faculty Of Education State University Unfortunate. The second assessment by Mr. Eka Pramono Adi, S.IP., M.Si as a lecturer Department Of Educational Technology Faculty Of Education State University Unfortunate. The assessment data obtained from both media experts as follows:

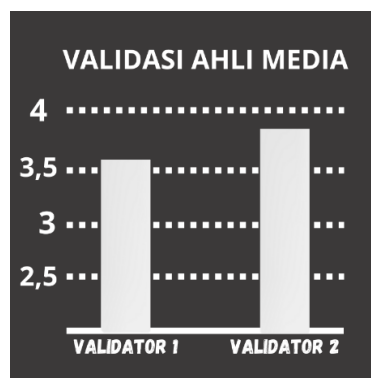


Figure 3.9 Diagram Of Media Expert Validation Results

The results of the validation test conducted by media experts 1 and 2 obtained value percentage of 87.5% and 96%. So, based on the percentage value it can be stated media created by researchers is very good and worth using with revised according to the advice and input of media experts.

c. Linguist Validation Test Results

Media Development *Pop Up Book* onde-onde city has been assessed by one material expert. Media assessed by Mr. Dr. Karkono, S.S., M.A. as a lecturer Department Of Indonesian Literature Faculty Of Letters, State University Of Malang. As for media assessment data obtained as follows:



Figure 3.10 Diagram Of Validation Results Linguists

The results of the validation test conducted by linguists obtained a percentage value by 97.5%. So, based on the percentage value it can be stated that the media made by excellent researchers and worthy of use with appropriate revisions and suggestions enter the language expert.

d. Results of Interview questionnaires with teachers

Media Development *Pop Up Book* onde-onde city has been assessed by two Teachers in kindergarten Taman indria 01 and kindergarten Dharma Wanita Mojokerto. The data media assessment results obtained as follows:

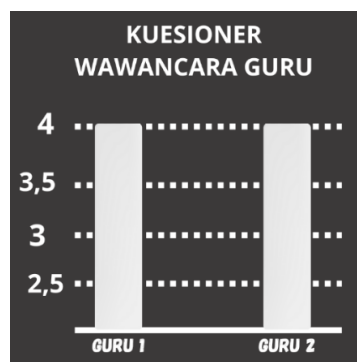


Figure 3.11 Diagram Of Teacher Interview Questionnaire Results

So, based on the assessment of teachers in kindergarten Taman Indria 01 and kindergarten Dharma Mojokerto women, it can be stated that the media created by researchers very good and worthy of use as a learning medium.

3.2 Discussion

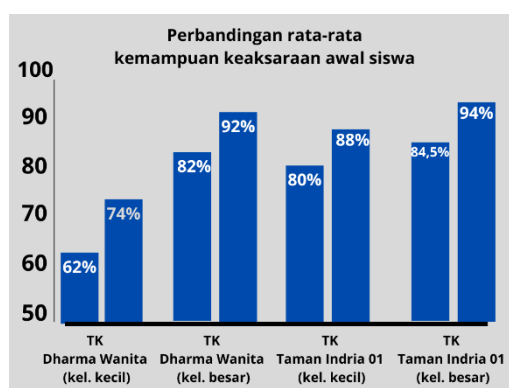


Figure 3.12 comparison of average initial literacy ability

From the above data, it can be concluded that there is an increase in early literacy of Group B children in TK Dharma Wanita Mojokerto and TK Taman Indria 01 Malang after using Pop up Book Media onde-onde City.

4. Conclusion

Based on the results of research and discussion in the previous chapter, the results of media *Pop Up Book* Kota Onde-onde can be concluded that the feasibility of the media and the whole series of trials ranging from material experts, media experts and linguists as well as interviews to teachers and also small and large group trials in kindergarten institutions in Mojokerto and kindergarten in Malang. This can be said based on the implementation of product trials conducted in TK Dharma Wanita Mojokerto with a small group test of 5 students obtained a final percentage score of 74% (Valid). In TK Taman Indria 01 Malang with small group trials totaling 5 students obtained a final percentage value of 88% (very Valid), while for large group trials in TK Dharma Wanita Mojokerto totaling 11 students obtained a final percentage value of 92% (very Valid). In TK Taman Indria 01 Malang with a large group

trial of 11 students obtained a final percentage score of 94% (very Valid). Thus, the media *Pop Up Book Onde - onde* city is declared eligible for used in the learning process of children aged 5-6 years to improve early literacy skills. The implications of the results of this study can be used as a reference for teachers in preparing an interesting and effective learning media for students. Weaknesses in this study can also be a reference for future researchers.

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