

Pop Up Book Media Depeloment To Improve Early Childhood Sexual Knowledge Ummul Habibah Paud Kelambir V Village Hampan Perak District Deli Serdang Regency

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Abstract:

The Indonesian Child Protection Commission (KPAI) noted that there are increasing cases of sexual violence against Indonesian children. In 2022 there were around 393 victims of sexual violence from 66 perpetrators. Meanwhile, at the beginning of 2023, namely from January to February, cases of sexual violence had reached 117 victims with 22 perpetrators. The fact that sexual violence against children is increasing makes us aware of the importance of protecting children from the threat of sexual violence. One of the efforts that can be made to protect children from cases of sexual violence is by providing information and understanding of sexual education so that children can protect themselves from the threat of sexual violence. In this study, the author conducted research on increasing sexual knowledge in children through pop-up book media. Pop-up Book is a book that provides the potential for movement or the emergence of objects and interactions by using paper mechanisms in the form of folds, rolls, slides, touches or rotations. With objects that can appear from the book, it is hoped that pop-up book media can arouse children's interest and attention towards the sexual education material provided. This study aims to: (1) Determine the suitability of pop-up book media to improve understanding of sexual education in children aged 5-6 years. The subjects in this study were children at PAUD Ummul Habibah, Kelambir V Village, aged 5-6 years, totaling 24 children. This type of research is research and development or Research and Development (R&D) which uses the Borg & Gall model. The results of the study show that pop-up book media can increase sexual knowledge in children aged 5-6 years.

INTRODUCTION

Early Childhood Early childhood is a child who is in the age range of 0-6 years (National Education System Law of 2003) and 0-8 years according to child education experts. According to Mansur (Munisa et al, 2024) early childhood is a group of children who are in a unique growth and development process. They have a special growth and development pattern according to their level of growth and development. This period is the golden age, because children experience very rapid growth and development and cannot be replaced in the future.

Education is a learning process that is carried out both in school and outside school and is received by anyone, both young children and older people. John Amos Comenius (Rita Nofianti, 2021), argues that early childhood education is the most basic education for all learning and as long as possible, everything should be taught. This educational approach was validated by Montessori and is the basis for teaching early childhood education to this day. According to Rose Mini (Solihin, 2015) "Parents must provide sex education to their children as early as possible." It starts precisely when children enter playgroup (ages 3-6 years), because at this age children can already understand their body organs and can also continue with the introduction of internal body organs.

Sexuality is an integral part of human life. Sexuality is not only related to reproduction but is also related to issues of custom, religion, art, morals and law. The question is who is responsible for providing sexuality education to children, at school? Or their parents at home? If we look at the symptoms and consequences caused by child sexual abuse, it seems that sexuality education is our shared responsibility, both parents, teachers, practitioners, and educational academics and society in general.

In January to February 2023, the number of victims of child sexual violence in Indonesia has reached 117 children and 22 perpetrators. Data from the Indonesian Child Protection Commission (KPAI) is quite surprising considering that in 2023, there were 393 victims and 66 perpetrators.

Based on the results of interviews conducted by Dam, hundreds of perpetrators of sexual crimes against children came to the conclusion that there is no psychometric that can identify whether someone is a perpetrator of sexual crimes (Etty Indriati, 2015). A very concerning fact is that children who are the targets of perpetrators of sexual violence against children are the highest in order, namely children aged 4 years, 3 years, 6 years,

and 7 years.

From the facts above, it can be seen that the target of perpetrators of violence against children is young children. Hawkins revealed that what makes children easy targets for child sexual abuse or sexual crimes against children are children who are still innocent and trust adults, children who are very young and unable to detect the motivations of adults, children who are asked to obey adults. Therefore, children have characters that can lead them to child sexual abuse. The above phenomenon makes us aware as parents and educators that providing child protection alone is not enough, but we must have special sensitivity and attention to children, because perpetrators of sexual crimes take advantage of the innocence and limited ability of children to tell stories to adults as a great opportunity to carry out their violent actions, educators and parents also have the right to provide sexual education to children.

Learning media is present as an essential tool for students to be able to learn to understand learning easily. According to Setffi Adam and Muhammad Taufik Syastra (Salma Rozana, 2022), learning media is anything, both physical and technical, in the learning process that can help teachers to make it easier to convey learning materials to students so that learning objectives can be achieved properly.

One of the media developed is Pop-Up Book. Pop-Up Book media is a type of 3D media that can provide an interesting effect, because every page opened will show a raised image and the material in the Pop-Up Book can be adjusted to the teaching material to be delivered. Pop-Up Book media is a book that has moving parts or has three-dimensional elements. At first glance, Pop-Up Book is almost the same as origami where both of these arts use paper folding techniques. However, origami focuses more on creating objects or things while Pop-Up Book tends to be more on the mechanical creation of paper that can make images appear more different both in terms of perspective/dimension and changes in shape so that they can move which are arranged as naturally as possible (Dzuanda, 2017).

Through the Pop-Up Book Media, it is expected that the introduction of sexual education to early childhood can be conveyed well. Every educational institution generally has prepared supporting media for learning, such as the PAUD Ummul Habibah institution in Kelambir V Village. However, from the results of the researcher's initial observations at PAUD Ummul Habibah, Kelambir V Village, the researcher has not found

that the PAUD uses interesting media in introducing sexual education to early childhood. Therefore, the researcher conducted a study on the development of pop-up book media to improve sexual knowledge in early childhood at PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency.

RESEARCH METHODOLOGY

This study is a form of research and development or commonly known as Research and Development (R&D). Researchers will use the Borg & Gall model (Sugiyono, 2022) as a guideline in developing Pop-Up Book media. The development process explained previously will be carried out up to the seventh stage only, because this development only aims to provide interesting and effective interactive learning through children's responses when the trial is carried out. The research stages can be explained as follows:

1. Stage I, potential and problems are carried out by conducting a preliminary survey, which includes: (1) activities to collect data and find relevant library sources and research results, (2) analyzing media needs to improve understanding of sexual education for children.
2. Stage II, initial data collection, interviews were conducted with teachers, making observation notes on the implementation of sexual education activities for children.
3. Stage III, product design, which includes: (1) activities for compiling content or material plans, (2) designing columns or rubrics that will be included in the media, (3) compiling the entire draft into a media.
4. Stage IV, design validation, namely the assessment of pop-up book media to improve children's understanding of sexual education. At this stage, those involved in the main validation are media experts and material experts, and language experts.
5. Stage V, design revision, namely the activity of correcting and fixing errors based on suggestions and input from the validator.
6. Stage VI, product trial, the trial was conducted twice, namely a small-scale trial, then a large-scale trial was conducted on all children.
7. Stage VII, product revision in this case is made into a final product developed by the researcher.

The data analysis technique used in this study used qualitative and quantitative data analysis by analyzing the validation questionnaire, feasibility analysis, attractiveness

analysis and analysis of increasing sexual knowledge in children. Qualitative data was obtained based on the results of criticism and suggestions from expert validators on material, media, language, and media suitability. Meanwhile, the quantitative data used by researchers to determine the increase in children's sexual knowledge was using the N-Gain formula.

HASIL DAN PEMBAHASAN

This research was conducted on grade B children of PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. This research was conducted by developing media in the form of pop-up books which are used to help children more easily understand the material being taught by the teacher. The use of Pop-Up Book media is a new innovation that can be used as a tool to convey messages in learning materials to children in an interesting and fun way. Learning presented using pop-up book media will make it easier for teachers to ensure that children understand their lessons, as well as increase children's interest and creativity. This is because Pop-Up Books are presented in three dimensions, look attractive, and resemble real objects but are different in shape or smaller in size (Arip & Aswat, 2021).

The use of pop-up media in sensory classes will make it easier for children to understand the information offered so that it can improve children's learning outcomes (Kristianingrum & Radia, 2022). This Pop-Up Book media is presented effectively for children at Kindergarten B PAUD Ummul Habibah, Kelambir V Village, according to the existing situation and conditions. By perfecting this media, it is hoped that in addition to helping teachers in presenting content, the Pop-Up Book media can also be used by children for individual learning both inside and outside the classroom (Mustofa & Syafi'ah, 2018). The language used in this media uses innovation to involve children in learning (Rika Widya et al., 2024). Information that is created imaginatively and in accordance with children's learning needs is one innovation that can be applied in developing learning media.

The average of the overall presentation of the results of the feasibility and validity of the pop-Up Book media is in the assessment interval of 82%-100% so that it can be concluded that the media used is a media that is suitable for use in the learning process and does not require a revision process. This is reinforced by the results of research with

the same variables and conducted by different authors. Among them is research conducted by Ningsih (2020) which shows that the Pop-Up Book media gets an average percentage of above 80% and is included in the very appropriate criteria so that it can be used for learning. Another study that also shows suitability is a study conducted by Nengsi (2021) where the suitability of the Pop-Up Book media used reached 98.5% so that it is included in the very suitable category. Supporting research has also been conducted by Novita (2020) who stated that pop-up book media received an average percentage of above 85% so that the media was said to be feasible and could be used as a learning medium.

The Pop-up Book media that has gone through the validation process and feasibility test was then tested on class B children of PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. After being tested, the researchers then obtained results showing an increase in sexual knowledge abilities through the results of the pretest and posttest carried out by the children before and after learning using the Pop-up Book media took place. From the results of the pretest and posttest, it can be seen that the increase in children's sexual knowledge skills was 85%, so it can be interpreted that the media used is media that is included in the effective category. So it can be concluded that the Pop-Up Book media is able to increase the sexual knowledge of class B children of PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency effectively. The results of this study are in accordance with research conducted by Kristianingrum & Radia (2022) which showed that the findings of the pre-test and post-test completed by children, the average pre-test score was 71 and the average post-test score was 91,5. This shows that there is an increase in the abilities possessed by children after learning using Pop-up Book media. Therefore, it can be said that the use of Pop-up Book media can help children understand learning materials.

This has a positive impact on improving children's ability to care for themselves so that unwanted treatment such as bullying, harassment, and unhealthy children and unwanted diseases are no longer found. In addition to looking at the level of validity, feasibility and also increasing children's sexual knowledge skills, researchers also looked at the level of attractiveness of the Pop-up Book media through a questionnaire distributed to children. The results of the questionnaire showed that the Pop-Up Book media was attractive to children and easy to use by class B children with a percentage of 98% in the

very attractive category. These results are in accordance with research conducted by Any Widyaningrum, Syamsul Ghufron, Suharmono Kasiyun (2022) which showed that the attractiveness of the Pop-Up Book media was used as visual stimulation to arouse children's imagination and help them understand the storyline. The findings in this study show that children's understanding of sexual knowledge material, their attention to learning, and how simple and enjoyable learning is for them in achieving their learning goals show the usefulness of pop-up book media in teaching sexual knowledge.

Another study conducted by Munadzifah Lailatul et al., (2021) showed that pop-up book media showed an interesting percentage of 97.4% and was included in the good category. Supporting research was also conducted by Ningtiyas et al., (2019) which showed that the percentage of children's responses to the media was 98.14%, thus indicating that children responded well to the media used in learning. Meanwhile, in a study conducted by Rulyansah et al., (2019), the results of the interestingness test on a large scale reached 94% so that the pop-up book learning media can be said to be interesting.

CONCLUSION

Based on the data analysis and discussion outlined above, the following conclusions can be drawn:

1. The feasibility of the pop-up book media product reviewed from the results of the validation of media, materials, and language as a whole obtained an average value of 4.3 with a category of "very good" and is suitable for use to improve understanding of sexual education in children aged 5-6 years.
2. Pop-up book media can improve sexual knowledge in children aged 5-6 years at Ummul Habibah PAUD, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. Based on the pretest results of 12 children, 10 children obtained a score of 50% and 2 children obtained 41.6% with the category of starting to develop, then after being given action using pop-up book media products (posttest) 11 children obtained a score of 100% and 1 child obtained 91.6%. From the results of the pretest and posttest, children's sexual knowledge can be categorized as developing very well. This condition shows that sexual knowledge in children has increased from being developed to being very well developed.

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