

## Depeloment Of Pop-Up Book Media For Sexual Education

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### ABSTRACT

The Indonesian Child Protection Commission (KPAI) recorded more and more cases sexual violence that occurs in Indonesian children. In 2022 there are around 393 victims of sexual violence from 66 perpetrators. Meanwhile, at the beginning of 2023, namely from January to February, sexual violence cases have reached 117 victims with 22 perpetrators. Facts about the increase in sexual violence that occurs in children making us aware of the importance of protecting children from the threat of sexual violence. Wrong One Effort Can Be Done to Protect Children from Cases of Sexual Violence namely 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 to children through Media Pop-Up Book. This research aims to determine the feasibility of pop-up book media to improve educational understanding sexual in children aged 5-6 years. Kind this research is research and development or Research and Development (R&D) using the Borg & Gall model. The results of this research indicate that there has been an increase in sexual education for children aged 5-6 years in PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency.

### Keywords:

Pop Up Book Media, Sexual Education, Early Childhood

### Introduction

Early childhood education is the level of education that every student undergoes before entering elementary education or primary school (Nofianti, 2021). According to Andi Agustianih (as cited in Utami & Ikhwana, 2022), the first five years of early childhood are the period for forming the foundations of human personality, sensory abilities, thinking, language and speaking skills, as well as social behavior. In line with this, early childhood education is an effort to facilitate the development and learning of children from birth to the age of 6 (six) years with experiences and stimulation that are developmental, integrated, and comprehensive so that children can grow and develop healthily and optimally in accordance with existing values and norms (Khadijah as cited in Rozana and Bantali, 2020). Therefore, according to Munisa et al., (2024), education is capital for a nation to create a young generation that is able to compete with other nations in the era of globalization. In education, the role of a teacher is very important, especially to determine the success

of learning for their students. Education is said to be of quality if it can answer the challenges of existing problems from time to time. One effort that can be made to improve learning skills is to carry out the learning process using learning media.

Learning media is present as an essential tool for students to be able to understand learning easily. According to Setffi Adam and Muhammad Taufik Syastra (in Tafonao, 2018), 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. Development of media in the learning process is considered very necessary because media is an important thing in the learning process (Widya, 2022). Media is not only a tool to help educators in teaching, but also a source of children's learning. From this opinion, it can be concluded that learning media is anything that can help teachers in making it easier for students to understand learning materials. Often learning activities only use limited media. These limitations result in a lack of appeal in both classroom learning and independent learning (Fatih & Alfi, 2021).

Currently, many innovations in learning media have been developed. The development of learning media is of course adjusted to the age and development period of the child. The media developed also has something that can attract children's interest in capturing messages on the media developed. One of the media developed is Pop-Up Book. Pop-Up Book media is a type of 3D media that can provide interesting effects, because every time a page is opened, a raised image will appear and the material contained in the Pop-Up Book can be adjusted to the teaching material to be delivered (Setiyanigrum, 2020).

Based on the facts in the field, researchers see that understanding of sexual education has not been optimally provided to children. Researchers conducted research at PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency on Monday, January 22, 2024. The subjects of this study were children of Kindergarten B PAUD Ummul Habibah, Kelambir V Village. The fact that violence against children is rampant makes us more aware of the need to protect children from sexual crimes and at the same time makes us aware of how important sexual education is for children. There are many factors that cause children to be vulnerable to becoming victims of violence, even receiving sexual crimes. One of them is the economic factor to gadgets which are like a double-edged sword because they are so easy to use as a means to access pornography (Baldwine et al., 2023).

The sexual education referred to here is the introduction and understanding given to children at an early age so that children know themselves, know and understand their body parts including private body parts. In addition, children can recognize the differences between the opposite sex, the

limits of body parts that may be shown to other people, who may touch their body and which body parts may be touched, and how to take care of their body parts. According to Rose Mini, "Parents must provide sexual education to their children as early as possible." It starts precisely when children enter playgroup (age 3-4 years), because at this age children can already understand their body organs and can also continue with the introduction of internal body organs. The importance of sexual education for children is so that children can protect themselves from the threat of sexual crimes, because trauma or the consequences of sexual crimes on children can have an impact on the child's future. The problem of sexual abuse in children is a serious problem. In line with the importance of sexual education above, the author chose this problem because sexual education taught to children from an early age can help prevent the spread of sexual abuse in children as early as possible.

Based on the background description above, to solve the problems that exist in PAUD Ummul Habibah, the researcher made an innovation by conducting a Research and Development (R&D) study entitled "Development of Pop-Up Book Media to Improve Sexual Education for Children in PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency".

## **Methods**

The methodology in this research is research and development. According to Sugiyono (2012), the Research and Development research method is a research method used to produce certain products and test the effectiveness of these products. This research refers to the definition according to Borg and Gall regarding research and development which states that, "research and development is a powerful strategy for improving practice. It is a process used to develop and validate educational product". Adapun produk yang akan dihasilkan dari penelitian ini adalah media berupa Pop-Up Book yang digunakan untuk meningkatkan pemahaman anak usia dini. The product that will be produced from this research is a media in the form of a Pop-Up Book which is used to improve the understanding of early childhood. The researcher conducted this R&D research up to stage 7 because the author adjusted to the needs, time and funding limitations. Product trials are conducted in two stages, namely small-scale trials and large-scale trials. Based on the opinion of Borg and Gall, R&D research is carried out through several stages, namely: (1) potential problems, (2) data collection, (3) product design, (4) design validation, (5) design revision, (6) product trials, (7) product revision, (8) usage trials, (9) product revision, (10) mass production.

## **Results and Discussion**

This research was conducted on children of Kindergarten B at PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. This research was conducted by developing pop up book media designed to help children understand material about sexual

education more easily. The purpose of using 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. The material presented using pop-up book media will make it easier for teachers to ensure that children are able to understand the material about sexual education. This is because pop-up book media is designed in three dimensions, looks attractive, and resembles real objects but is different in shape or smaller in size. The use of pop-up book media in sensory classes will make it easier for students to understand the information offered so that it can improve student learning outcomes (Kristianingrum and Radia, 2022). This pop up book media is designed effectively for children of Kindergarten B PAUD Ummul Habibah, Kelambir V Village because it is in accordance with the situation and conditions of children at PAUD Ummul Habibah, Kelambir V Village.

By perfecting this pop-up book media, it is hoped that in addition to helping teachers in presenting material on sexual education to children, this pop-up book media can also be used by students for individual learning both inside and outside the classroom (Mustofa and Syafi'ah, 2018). The language used in this pop up book media uses innovation to involve students in learning (Umam et al., 2019). Information that is created imaginatively and in accordance with children's learning needs, so that this pop up book media is an innovation that can be applied in the development of learning media.

The average of the overall achievement of the results of the feasibility and validity of the pop-up book media is in the assessment interval of 83%-100% so that it can be concluded that the pop-up book media used is a media that is suitable for use in the learning process about sexual education for children, of course after carrying out the revision process. This is reinforced by the results of research with the same variables and conducted by different authors. Among them is the research conducted by Ningsih (2020), which shows that 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 as a learning tool. Other studies also show consistency with the research conducted by Nengsi (2021), where the feasibility of the pop-up book media used reached 98% so that it was included in the very feasible category. Supporting research was also conducted by Novita (2020), who stated that pop-up book media received an average percentage of above 85% so that the pop-up book media was said to be feasible and could be used as a learning medium.

The pop-up book media that has been validated and tested for feasibility was then tested on children of PAUD B Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. After being tested, researchers then obtained results showing an increase in the ability of sexual education given to children through the results of the pretest and posttest carried out by

children before and after learning using pop-up book media. 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 pop-up book media used is a media that is included in the effective category. So it can be concluded that pop-up book media can increase sexual knowledge in children at PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. The results of this study are in accordance with research conducted by Kristianingrum (2022) which shows that the findings of the pre-test and post-test that were tested on children, the average pre-test and post-test scores tested on 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 material about sexual knowledge. This has a positive impact on increasing the ability to understand sexual education so that unwanted treatment, namely child abuse, is no longer found.

In addition to looking at the level of validity, appropriateness and also increasing sexual knowledge in children, researchers also looked at the level of attractiveness of pop-up book media. The results of the research that has been carried out show that this pop-up book media is interesting for children and easy to use as a learning medium in providing an understanding of sexual knowledge to children. These results are in accordance with research conducted by Ningtyas et al., (2019), which showed that the level of interest in pop-up book 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 large-scale attractiveness test reached 94% so that pop-up book learning media can be said to be interesting.

## **Conclusion**

Based on the data analysis and discussion described above, it can be concluded that the feasibility of the pop-up book media product in terms of media, material and language validation results as a whole obtained an average score of 4.3 in the "very good" and feasible category. used to increase understanding of sexual education in children aged 5-6 years. Pop up book media can increase sexual knowledge in children aged 5-6 years at PAUD Ummul Habibah, Kelambir V Village, Hamparan Perak District, Deli Serdang Regency. Judging from the pretest results of 12 children, 10 children got a score of 50% and 2 children got 41.6% in the starting to develop category, then after being given action using pop-up book media products (post test) 11 children got a score of 100% and 1 child got 91.6%. From the results of the pre-test and post-test, children's sexual knowledge can be developed very well. This condition shows that children's sexual knowledge has increased from starting to develop to developing very well.

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