

Analysis of Children's Fine Motor Skills Through Garuda Bird Coloring Activities Using Crayons in Group B at Kober Peupado Malanuza

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Abstract

The purpose was to determine the fine motor skills of children in coloring activities using crayons with a qualitative approach of interview, observation and documetry methods and object approaches in group B children who were 13 people. This study explores the impact of coloring activities using crayons on improving fine motor skills among children aged 5–6 years in Group B at Kober Peupado Malanuza. A qualitative approach was employed, incorporating interviews, observations, and documentation. Initial observations revealed that many children displayed underdeveloped fine motor abilities due to limited learning media and less varied teaching strategies. The study involved coloring activities focused on the Garuda bird, allowing children to express creativity and imagination. Results showed improvement in fine motor skills, with 2 children achieving "Very Good Development" (BSB) and others showing progress across various developmental stages. Structured coloring sessions enhanced hand-eye coordination, precision in movements, and creativity. The study concludes that coloring with crayons is an effective method to develop fine motor skills, emphasizing the importance of diverse and engaging activities to optimize learning outcomes. Recommendations include incorporating innovative strategies and media to sustain children's interest and further enhance their development.

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INTRODUCTION

Golden age is the golden age of children that must be passed by every individual. This age greatly determines the next stage of life. Early childhood education is an effort to foster children from birth to the age of 6 years which is carried out through the provision of educational plans to help physical and spiritual growth and development so that children are ready to enter further education. In Law of the Republic of Indonesia no. 20 of 2003, concerning the National Education System Article 28 paragraph 3 states that Kindergarten (TK) is an early childhood education through formal education that aims to help students develop various potentials both psychological and physical which include morals and religious values, social, emotional, independence, cognitive language, physical motor skills and art, to be ready to enter Elementary School. One of the potentials that needs to be developed is physical motor skills. There are 2 types of physical motor skills, namely gross physical motor skills and fine physical motor skills,

gross physical motor skills are activities that involve large muscles, while fine physical motor skills are activities that involve small muscles. Fine motor skills are needed by children in order to develop their skills, creativity and imagination by using various learning media.

In learning the development of fine motor skills, teachers are often faced with a problem related to the process of children's learning activities so that the results obtained are less than satisfactory. Based on observations in Kober Peopado, children showed delays in their fine motor skills in coloring, which was marked by students' lack of skill in developing creativity using crayon media in learning. Coloring activities are one of the activities that can improve children's fine motor skills and can foster artistic talent from within children so that children can also recognize objects that are colored, in coloring children are free to appreciate all the imagination and thinking skills that children have. So playing by coloring is one effective way in a fun learning process. This is supported by several researchers that learning to color pictures with crayons is very functional for children, learning to color pictures with crayons has the function of training fine motor skills during their development (Syafril et al. 2018). The development of fine motor skills in children includes the speed of coloring pictures, the development of fine muscles and their functions, these muscles function to perform more specific movements of body parts. Finger skills can be seen in the ability to hold, while selecting an object (color) and coordinating it regularly will train eye and hand coordination (Nurhayati, 2020).

Children's fine motor development is an important thing to focus more on because it is related to other developmental tasks such as independence, cognitive development, and so on (Widiyawati, 2020). The development of children's fine motor skills does not always run perfectly. Sometimes children experience obstacles in developing their fine motor skills. Some factors that influence the delay in the development of fine motor skills are the lack of opportunities to explore the environment since infancy, parenting patterns that tend to be overprotective and inconsistent in providing learning stimuli, not getting children used to doing activities themselves, One of the fun activities that can be done to provide stimulation for fine motor skills is to color pictures (Warnida, 2019). Based on the explanation above, all the tools and materials used in coloring activities can help develop fine motor skills in early childhood. One of the tools used in this study was coloring using crayons.

METHOD

1. The research method used is a qualitative approach using experiments or given treatment. Through a qualitative approach, observations were made before and after treatment was given using observation sheets and observations were made on the development of 17 children, especially regarding the influence of coloring activities on children's fine motor skills. The research can be described as follows: Observation
2. The observations that the researcher conducted were through direct observation of students' coloring activities and the development of children's fine motor skills through observation sheets.
3. Dokumentasi The documentation carried out was collecting photos of children when the coloring activity was taking place..
4. Interview. It is an interview with a teacher who is concerned with the development of children at school

RESULTS AND DISCUSSION

Interview results

No.	Question	Answer
1	Can coloring pictures using crayons	Yes, because using crayons can

	help improve children's fine motor skills?	help children develop their coloring skills.
2	What are the coloring techniques used by children in group B kober peupado when using crayons?	Each child's coloring technique is different. There are several techniques Coloring that children can use are: coloring using color blocks, coloring with gradations, fine line techniques, coloring using motifs, coloring with layering techniques, coloring with overlapping techniques, coloring with different tools.
3	Is there a difference in fine motor skills between children who draw frequently and those who rarely do so?	Children who draw often: they have stronger and more coordinated hand and finger muscles. This activity of drawing regularly helps strengthen muscles. Children who rarely draw: lack practice in paying attention to detail and may be more general or less structured in drawing.
4	How do children respond to commands or directions when coloring using crayons?	The children's responses were good, good, not in accordance with the teacher's instructions and ½ of the children had not colored well.
5	How children's coloring results can be used as a tool to evaluate the development of children's fine motor skills.	Children's coloring results can be used as an evaluation, namely by comparing the drawing results between children.
6	How the variety of colors and techniques used in coloring can influence children's creativity and expression	The variety of colors and techniques used is the development of motor skills. Coloring with various techniques helps children develop fine motor skills. This contributes to their ability to grasp tools and control hand movements, which are very important for daily activities and future learning.

The first stage carried out by the researcher was to observe the way class B children learn about their fine motor flexibility without disrupting their learning process to find out the extent of their motor skills, namely fingers and wrists in holding pencils and crayons as coloring tools. After going through the observation and interview process,

it can be concluded that fine motor skills in group B are still very low due to the lack of available learning media, as well as learning models and strategies that are not yet optimal so that the teaching and learning process is not effective, there are still some children whose development achievements are still in the stages of Not Developing (BB), Starting to Develop (MB), Not Developing as expected (BBSH), Developing as expected (BSH), Developing very well (BSB). Based on these observations, the researcher tried to design how learning could achieve the desired results through an interesting and enjoyable process for children to improve fine motor skills by using Garuda bird coloring activities.

Based on the results of observations conducted in Kober peopado with the results obtained from improving fine motor skills through coloring activities in children aged 5-6 years in Koberpeopado in group B. The learning process in Kober peupado can be said to be good, this can be seen from the various activities that vary in the classroom. However, activities related to coloring are less varied and are done too often so that the stimulation given is less than optimal. Coloring activities that are less varied can be seen from the tools that are always used, namely crayons or colored pencils with the intensity of use being done too often. As many as one child has not developed (BB) Vira, in this criterion the child has not been able to understand the directions explained by the teacher. As many as three children who have not developed according to expectations (BBSH) are Nia, ebi, viano in this criterion the child is able to understand directions but has not been able to color according to directions. As many as three children who are starting to develop (MB) are Afril, Gio, Jimi In this criterion the child is able to color but not according to the specified color. Next, as many as five children are Developing according to Expectations (BSH) are Natan, caca, Alin. In this criteria, the child has begun to control the movement of his fingers in using crayons, and coloring according to the directions given but is still lacking in coloring. using In this criteria, the child is able to color according to the teacher's expectations. As many as two children who are Developing Very Well (BSB), namely Pio, Jolita, they both have been able to control the movement of their fingers in coloring using crayons, coloring according to the directions given and coloring using crayons in one direction.

Data analysis in this study occurred interactively before, during and after the study. Before the study was conducted, the researcher had conducted an analysis, namely in determining the problem formula that emerged, then the analysis was also carried out when collecting data on the child's initial abilities. The analysis before this study aims to determine the extent of the child's problems and abilities so that appropriate research actions can be taken. Coloring skills activities were carried out starting on October 17, 2024. Coloring activities are very appropriate for developing the fine motor skills of children in group B Kober Peopado Malanuzza because through coloring activities, children learn about the initial ability to write, namely from the ability to hold coloring tools, move the wrists and eye coordination, hands which are very useful for the next level of education. This study is supported by theories related to coloring skills to improve fine motor skills as it is said that fine motor skills refer to the ability to control small muscles, especially those used for activities that require accuracy and precision such as writing and coloring. This activity is very important for the development of early childhood. Coloring is a creative activity that can shape imagination by utilizing various tools and techniques, as well as certain surface markings and process scratches from coloring tools (Wahyuni, 2018).

Children are given the freedom to color the results of the Garuda bird picture according to their imagination and favorite colors. This is done to improve and develop the creativity and imagination of each child. During the coloring session, the teacher provides motivation and input to the children in turns, then the teacher explains to each

child not to finish in a hurry so that the results are better and more satisfying (Tahel et al., 2018). The process of activities so that fine motor skills of early childhood develop is by coloring pictures. The media used are crayons, with the goal to be achieved in this activity is to train children's fine motor skills as well as recognize colors (Heni Herlina, 2020). The existence of children's fine motor skills and gross motor skills that are not well trained will cause children to be less confident in their abilities, in carrying out activities so that children feel embarrassed, in coloring (Mahmudah & Watini, 2022). One way to improve children's fine motor skills is through coloring pictures. Coloring has benefits in children's development, including color recognition (Aziz et al., 2022).

CONCLUSION

Based on the results of the research and discussion, the researcher concluded that coloring activities can improve children's fine motor skills in group B Kober Peupado Malanua. This increase can be seen from the increase in percentage from before the action and after the implementation of the action. This success cannot be separated from the steps of learning fine motor skills through coloring activities carried out during the implementation of the research. Coloring activities in group B Kober Peupado Malanua are: (1) one class is divided into 3 groups consisting of 4-5 children (2) each group gets 4-5 types of crayons (3) the teacher gives examples of coloring activities that will be carried out (4) conveys the rules that have been agreed upon during the coloring activity and (5) the colored pictures are adjusted to the theme currently taking place in Kober.

Based on the conclusions from the research results above, the researcher provides the following suggestions:

1. For children

learning through coloring activities using crayons is one alternative to coloring activities that can increase children's enthusiasm because it is something new and fun. It should be noted that fine motor learning for children in group 8 aged 5-6 years must focus on coloring material with only 1 media, if the child is interested, they can add other media.

1. For teachers

coloring activities using crayons have been proven to improve children's fine motor skills in group B Kober Peupado Malanua so that it can be an alternative learning activity to stimulate children's fine motor skills so that they can develop optimally and as a reference and motivation to provide learning activities that are not boring for children.

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