

## DEVELOPMENT OF CHILDREN'S MOTOR ABILITY THROUGH THE USE OF VLOG MEDIA

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Received: May 2022

Accepted: June 2022

Published: July 2022

DOI:

**Abstract:** *This study aims to analyze and examine the use of vlog media in developing children's motor skills. In this study, the approach used is descriptive qualitative case study type. Data collection uses observation and in-depth interviews and is supported by documentation. The research location is at RA Nurul Hidayah Kalikajar Paiton Probolinggo. Data analysis techniques used are data collection, data reduction, data presentation, and data inference. The results of the study show that vlog media used to explain motor activities such as coloring, drawing, cutting, and whispering can develop children's motor skills. Thus, children become more focused in learning, more imaginative, and easier to find children's interests. Animations and various colorful images contained in vlogs are also able to motivate children to learn. The implications of using vlog media make it easy for teachers to teach and students easily digest the material.*

**Keywords** – Vlog Media, Children's Motoric Ability.

**Abstrak** – Penelitian ini bertujuan untuk menganalisis dan mengkaji penggunaan media vlog dalam mengembangkan motorik anak. Dalam penelitian ini, pendekatan yang digunakan adalah kualitatif deskriptif jenis studi kasus. Pengumpulan data menggunakan observasi dan wawancara mendalam serta didukung dengan dokumentasi. Adapun lokasi penelitian berada di RA Nurul Hidayah Kalikajar Paiton Probolinggo. Teknik analisis data yang digunakan yakni pengumpulan data, reduksi data, penyajian data, dan penyimpulan data. Hasil penelitian menunjukkan bahwa media vlog yang digunakan untuk menjelaskan aktivitas motorik seperti mewarnai, menggambar, menggunting, dan bisik berantai dapat mengembangkan kemampuan motorik anak. Dengan demikian, anak menjadi lebih fokus dalam belajar, lebih imajinatif, serta lebih mudah untuk menemukan minat anak. Animasi dan beragam gambar berwarna yang terdapat dalam vlog juga mampu memotivasi anak untuk belajar. Implikasi dari penggunaan media vlog memberikan kemudahan bagi guru dalam mengajar dan siswa dengan mudah mencerna materi.

**Kata Kunci** – Media Vlog, Kemampuan Motorik Anak.

## INTRODUCTION

The development of technology cannot be separated from human life, along with the times, the use of technology is increasingly developing and sophisticated (Mahmud et al., 2021; Nurjanah & Mukarromah, 2021)(Nurjanah & Mukarromah, 2021). Seeing the development of technology that is increasingly sophisticated and fast and easily accessible to everyone, including among students, has an impact on behavior in the school environment. The development of technology is used by various groups, especially adolescents, such as accessing information and communication with smartphones, either just communicating or doing schoolwork, playing games and other activities (Dasriana et al., 2020; Wahid et al., 2021).(Wahid, Hidayati, & Bon, 2021) However, in addition there are also things that should not be seen such as, violent or pornographic sites. This proves that the influence of technological and communication developments has an impact on concerns that can affect the social behavior of students so that they can soften positive things and cultural values (Zulfah, 2018).

One of the favorites of teenagers today is to document every activity they do, so that every daily activity they do is captured through making video blogs commonly known as vlogs. Vlogs are one of the alternatives that can be used by everyone in appreciating their creativity in order to show their existence online (Izzah & Hadi, 2018).

The development of technology in the era of globalization which is currently increasingly sophisticated makes children less active outdoors. This can trigger preschoolers to do minimal movement activities such as running and jumping so as to reduce children's motor intelligence and their body activities. In fact, the physical development and motor intelligence of children at preschool age are benchmarks for subsequent child development (Aghnaita, 2017).

In motor ability, the development of movement control through coordinated activities between the nervous, muscular, and brain arrangements consists of two types, namely gross motor using large muscles and fine motor using smooth muscles (Wati et al., 2017; Destiyani et al., 2019; Yuliastuti et al., 2020).(Destiyani, Prasetyowati, & Purwadi, 2019)(Yuliastuti, Kurniah, & Ardina, 2020) Related to children's motor intelligence, such as problems in gross motor development, for example, difficulty maintaining body balance when walking, hassles when jumping over game tools at school. To overcome these problems, vlogs are one of the solutions in learning activities (Firdaus et al., 2018) and can also be used as a reflection material for educators to achieve the application of children's values and motor development and this vlog can also make learning take place effectively and efficiently (Fitria & Juwita, 2018).

Previously, there were also several previous studies that discussed learning vlog media. For children aged 5-6 years, vlogs are considered to have their own uniqueness and convenience for teachers and students, in addition to being easy to understand, entertaining, not boring, this media is able to stimulate children's motor skills. In (Salim et al., 2020) discusses learning using blogs, saying that the privileges possessed when practicing this media are that it can increase the enthusiasm and motivation of learning for students. Meanwhile, another opinion (Widyantara & Rasna, 2020) states that the delivery of material in teaching and learning activities using vlog media is more appropriate to be done in class, because if you look at the situation and conditions, the class is able to create focus, and enjoy every learning together, so that students are able to understand and easily digest each material. Because in addition to listening to learning videos, the use of vlogs as learning media can be an educational medium for children where in their use children are taught how to use technology properly as a support for their learning (Oktavia et al., 2019; Nugraha et al., 2021). (Nugraha et al., 2021)

After seeing from several previous researchers who intersected with this study, that the previous researchers who became the focal point of his research were the benefits of vlogs in increasing student learning motivation, speeding up and making it easier to understand the material. However, this study focuses on discussing the use of vlog media on children's motor skills. One of the ways or tips in improving children's motor skills carried out at RA Nurul Hidayah Kecamatan Paiton Probolinggo has a uniqueness. Starting from how to take advantage of vlogs that other institutions have never thought of, being able to create unique learning, a learning atmosphere that can develop fine motor as well as gross motor, to the fun in step by step direct learning can be enjoyed by students.

In updating the learning system d RA Nurul Hidayah, it cannot be separated from the thoughts and bright ideas applied to the school. This shows that efforts to find new variables in learning media should be appreciated by stakeholders and other parties continue to try to develop and update every side of our education in order to achieve the maximality of building civilization.

Departing from several previous studies along with the author's understanding of children's motor development, this research is important to understand and overcome problems for children who are less able to develop their motor skills. This research is expected to provide solutions so that self-confidence for children grows, can be maximized in developing fine and gross motor.

## **RESEARCH METHOD**

This study used descriptive qualitative. Used to find more in-depth information about the use of vlog media on children's motor development, while the type of research used is case studies that are focused on specific cases to be observed and analyzed carefully. Data collection using in-depth observations and interviews and supported by documentation. The figure shows the inductive nature of data collection with data analysis, data collection is an integral part of data analysis activities. Data reduction is an attempt to infer data, then sort out the data in a certain concept, a certain category, and a certain theme.

Descriptive research and analysis are carried out to describe the findings of the research results. This documentation is a support in completing the data obtained to strengthen the research findings at the time of interview and observation. In this study, researchers went directly into the field, conducting documentation, observations, surveys and direct interviews, at the RA Nurul Hidayah Institute located in Kalikajar Paiton Probolinggo, so that the presentation of this discussion was systematic and in-depth so as to get a complete understanding. The focus of this study is the stimulus of children's motor development in the use of vlog media.

## **FINDINGS AND DISCUSSION**

This section is the main part of the research article and is usually the longest part of an article. The results of the study presented in this section are "clean" results. Data analysis processes such as statistical calculations and hypothesis testing processes do not need to be presented. Only the results of the analysis and the results of hypothesis testing need to be reported. Tables and graphs can be used to clarify the verbal presentation of research results. Tables and graphs should be commented on or discussed.

The results of this study show that the use of vlog media in the development of children's motor skills in RA Nurul Hidayah Paiton Probolinggo through the following steps;

### **Vlog Learning Media Planning Analysis**

Once learning activities begin, a teacher is obliged to prepare complete and systematic learning materials to be delivered to students. Then the teacher also prepares interesting, innovative and exciting learning models. Careful preparation in using vlog media in learning must be specially designed by the teacher before entering the classroom (Baharun, 2016).

In this stage, the application of vlog media is arranged in a neat and neat manner through rpp which is made and systematically designed

learning to be applied to RA Nurul Hidayah based on the existing curriculum.

Educator at RA Nurul Hidayah conveyed some of the preparations made by teachers before the teaching and learning process. Some of these preparations are in the form of planning, prosem, RPPM and RPPH according to the *raudatul atfal* (RA) level curriculum. Thus teachers already have a reference for guidance to be used as preparation for the learning process from yearly, semester, weekly and daily. The teacher will not be confused in determining the theme in the learning process.

However, before learning using vlog media, planning must be done carefully by paying attention to and understanding the limits of children's abilities in order to achieve maximum results. Rabiya (Robbiyah et al., 2018) said that the limits of ability that children can do, understand the situation and conditions of the child's environment, and are able to find the right design to treat this learning. Starting from children's movements, their preferences, habits that are carried out every day, to child psychology are considerations in preparing vlog planning media planning. This is the most important point before carrying out learning activities (Susanti, 2019).

### **Utilization of Vlogs in Developing Motor Skills**

Motor development is a process of movement development in a child, which is based on the child's physical and nervous maturity. The teacher can give examples of movements and stimuli. However, such movements and stimuli must be adapted to the age of the child as well as abilities related to physical skills involving small muscles and eye-hand coordination, such as coloring and drawing. To develop children's motor skills, RA teacher Nurul Hidayah seeks to teach the material through several activities such as the following; a. Coloring, in this coloring material, the teacher generally explains what images are attractive and what colors are suitable for use in coloring the pictures. b. Draw, while in drawing material, usually the teacher tells in advance the theme you want to draw. After that the teacher gives examples of images that are included in the theme for example, the theme of the teacher's environment gives examples of flower images. c. Scissoring, in the cutting material, RA teacher Nurul Hidayah gave an example first to students, how to hold the scissors safely and cut according to the existing pattern. d. Chain whispers, this activity is in the form of an activity in which a person has to whisper the wording to his next friend. In this activity, the teacher gave an example by forming a group of 4 people. The teacher who stood at the forefront became the first person to whisper the news, then the second and third people were in charge of connecting the news to the fourth person. Furthermore, the fourth person must convey the news of what is heard from the third person.

In order to provide material related to the development of motor skills in the vlog to be more interesting and not boring, this learning teacher RA Nurul Hidayah developed the vlog through the following method. *First*, decorate the video with a bright, colorful background image that attracts the attention of the child. *Second*, it gives animations. The animation used is animation that has a connection with the material. For example, in the material of drawing the environment there is an animation of a moving bird. That way children are more interested in watching the vlog. *Third*, adding videos with attractive backgrounds, backgrounds that can be used, for example, instrumental percussion that can increase the enthusiasm for learning.

Efforts to use vlogs as an online learning medium can also be done by anyone, anytime and anywhere (Adiasti, 2021). However, to achieve interactive learning, teachers must be creative in delivering material, one way that teachers can do is to use content creators or Vlog videos to be able to form smooth and rough motorics for students to the maximum.

This is revealed by (Safriyani et al., 2021) that the use of vlog learning media is very beneficial for teachers and students. Based on its main function, vlogs are activities used to convey information to the public. Vlogs can also be used as a learning medium by adjusting the content and theme to be conveyed to students. As stated by (Munawar, 2020), vlog media can also combine all these elements, namely animated videos. Animation is a moving image and text medium that can be accompanied by music (Sola et al., 2021).

The use of vlog media accompanied by creativity in delivering material to students is very relevant in a pandemic situation like today, this is the answer to some of the problems that occur in children's motor skills discussed above. This learning, in addition to providing new experiences to students in learning activities, is also the hope of parents and teachers in developing the motor skills of children who are experiencing problems (Suyadi et al., 2018).

### **Activity Documentation**

Researchers document each process and the achievement of the results of the planned actions. The stage of documentation of activities carried out at this stage is to analyze all information. The results of the documentation and conditions in the field illustrate that mutual support and full awareness from all parties, be it teachers, parents and students is a success that continues to be maintained and developed.

Seen in the picture above, parents also play a role in the child's learning process and help the child in making vlog videos. Before making the video, parents were directed by the teacher in making the video by giving examples from other sources such as someone's youtube channel and

youtube video link. This activity is also intended so that students can work together with parents to make kimestri. So, in addition to developing children's motor skills, students can also develop emotions and social interactions in learning.

Documentation is the authenticity and authenticity of data obtained by researchers in conducting direct escorts to children when they are in the field, these results show that vlog media is in great demand by children in their learning activities. The preoccupation and seriousness in learning can be seen from some of the documentation displayed by the researcher above. The documentation of these activities is considered very helpful and provides a way out of every problem experienced by children throughout Indonesia (Astuti & Harun, 2020).

### **Evaluation**

As for the influence of this vlog learning so far: a. Able to train children to move according to what has been ordered in the video. b. Able to stimulate children's creativity, stimulate children in playing their imagination, and strengthen the relationship between children and parents or teachers (Jannah, 2021). c. Able to improve children's ability to give attention or focus in class. This is due to the emotional closeness built through the interaction of parents and teachers who always play an active role in overseeing their learning activities, enjoying games, often inviting them to do movements in their daily lives. d. Adding confidence in the child, which will later make it easier to interact and adapt to the surrounding environment trains the child's focus. When doing motor activities, it will follow the movement and focus on an object. e. Stimulating imagination skills and honing creativity in children strengthens the bonding between children and parents / caregivers. By taking children to play frequently, the bond between the child and the parent/caregiver will be awakened and more often explored and stimulated. Parents can more easily find the child's interest which can later help parents to make kimestri. So in addition to developing children's motor skills, students can also develop emotions and social interactions in learning.

So, this activity is useful for RA teacher Nurul Hidayah. This is obtained from the results of interviews as well as part of the evaluation of the implementation of activities (Adi et al., 2020).

Evaluation in learning outcomes is very necessary in education, in order to continue to improve in every learning and method carried out. Before evaluating some mistakes that need to be corrected, the benchmark of success should be a benchmark or a strong foundation in making decisions. So that the evaluation carried out runs well and appropriately and is able to improve the quality of education (NUGRAHA, 2017)

Evaluation is an important element of correcting any shortcomings and weaknesses when carrying out this vlog learning activity, by evaluating the gaps that exist, vlog learning will continue to develop and become the main motor in improving children's motor skills. The main point that is embedded in the child first is self-confidence, because it will make the child easily adapt to his environment and interact well according to the circumstances of his environment, so that the child begins to have focus in his daily activities.

## **CONCLUSION**

The RA Nurul Hidayah Paiton Probolinggo Institute innovates and creates to overcome problems experienced by students in children's motor development by using learning methods using vlog media.

With this vlog learning at RA Nurul Hidayah, children can imitate and follow the given video movements contained in activities such as coloring, drawing, cutting, and chain whispering. As a result, students at RA Nurul Hidayah can be more confident, focused, imaginative, creative, and the relationship between children and their parents. Meanwhile, RA teacher Nurul Hidayah became easier to find children's interests.

However, it takes patience and determination from parents who accompany children when watching vlogs from teachers. In addition, there is a need for the ability of innovation and creativity of teachers in making interesting videos and understanding the abilities of their students so that the level of achievement is expected to be optimal, the implications of using vlog media provide convenience for teachers in teaching and students easily digesting the material.

The use of vlogs in RA Nurul Hidayah cannot be generalized to all early childhood education institutions. It is casuistic in nature and according to the characteristics of learning and analysis of the internal and external environment in the institution. This indicates for other researchers to make new findings in research improvements.

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