

SYSTEMATIC LITERATURE REVIEW (SLR) : REDUCING THE USE OF ELECTRONIC DEVICES IN THE SOCIAL DEVELOPMENT OF SCHOOL CHILDREN

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ABSTRACT

The use of electronic devices can have significant implications for children's socialization processes. The purpose of writing this article is to assess and examine the impact of the use of electronic devices on children's social development at school. This article was prepared based on an in-depth analysis of this topic, using a literature study or literature review approach. Research findings show that most children use electronic devices mainly for entertainment purposes such as playing games and watching animated films, even though these devices actually have potential as learning tools. Therefore, careful supervision from parents is very important to control and direct children's use of electronic devices, with the aim of reducing their negative impacts. Thus, effective monitoring measures can help maximize the potential of electronic devices as effective learning tools, while still addressing children's needs for healthy entertainment. The role of teachers is also highly emphasized in directing children to activities that support social interaction in the surrounding environment.

Keywords: *Impact of Digital Technology, Social Development of Children In The School Environment*

INTRODUCTION

Electronic advances, especially in the field of communication, continue to develop rapidly and are increasingly sophisticated. Various communication tools that have been developed with the intention of making it easier for humans when they want to do social interaction to exchange news without the need to spend a long time to send and get a reply (Novitasari and Khotimah 2016). One example is gadgets, which are also known as smartphones. The use of mobile phones (HP), especially smartphones, has become common among the public. In fact, it is not uncommon for someone to have more than one smartphone. Gadget is an electronic device that has updates from day to day making human life more practical (Mayeti & Sunita 2018).

Smartphone users are not limited to workers, but extend to various age groups, including early childhood, not just limited to workers (Ariston & Frahasini, 2018; Syifa, et al, 2019). Children also often spend significant time using smartphones, even more than playing with their peers. Some even become addicted to keep checking their smartphones all the time. Addiction to the use of smartphones at an early age is a serious concern, because it can interfere with the development of children. Some parents even use smartphones as a calming or entertainment tool for their children, without realizing the negative impact. This can result in children becoming dependent on gadgets and interfere with their daily activities, such as eating, bathing, sleeping, and interacting with the surrounding environment.

It is important for parents to be aware of the adverse effects of excessive use of smartphones on children's behavior related to gadget use need to take steps to regulate and regulate their use. Children should be guided to interact with the real world and develop their social skills, rather than focusing too

much on smartphone games. The use of gadgets is not only becoming a habit among adults, but it is also increasingly common among teenagers and even children. The use of gadgets is a very important necessity for today's life that requires very high mobility (Alhady, et al, 2018; Nugraheni, 2020). Even today's children are familiar with smartphones, even at the elementary school level. As mentioned by Rosalina (in Admin Ridwan 2017: 2), children in elementary school, aged 6 years to 12 years, are in an important period of Child Development and in the not too distant future entering the preteen period. A change that marks a transformation in the interaction of children with technology, leading to new challenges and opportunities in their education and development.

Children in primary school should spend their time on activities that support cognitive development and social interaction, such as learning and playing with their peers. It is important to strike a balance between playing and learning, so that both do not become monotonous. Actually gadget also has a positive impact that can be utilized by students such as accessing learning, downloading learning applications that can be used to study or do assignments and sharpening students' brains so that, ability and intelligence in understanding lessons will increase (Mahfud & Wulansari, 2018).

However, it is necessary to be aware that electronic games on computers, such as online game games, playstation, and games on gadgets are in great demand by children, which often makes them very enthusiastic. In fact, sometimes children can be so focused on their play that they forget to pay attention to their surroundings (Munisa, 2020). Therefore, strict supervision and control of the use of electronic devices, especially at home, becomes very significant. The contribution of parents to shaping the character and development of a child is vital, therefore, it is necessary to establish clear boundaries and rules in the use of the device to the child.

In the school environment, teachers play a role that is no less important than parents in accompanying and supervising students. This situation applies without mengemasahatkan differences in student backgrounds, be it from the aspect of suk, race, religion, and social status, and other factors. The role of teachers in the educational process not only includes the provision of subject matter, but also includes aspects of guidance, support, and character development of students. Teachers serve as role models and facilitators in creating an inclusive learning environment and providing support to all students, ensuring that each student receives equal attention in their learning efforts. Thus, the collaboration between teachers and parents has a very important role in providing the best support for the holistic development of each student. In addition, character education is also an important aspect in equipping students with the necessary skills to face future challenges (Aini, N. Q., Faturohman, N., & Darmawan, D. 2023).

Actually to give gadgets to children, such as personal smartphones, is not entirely appropriate because it can cause excessive behavioral tendencies in them. Elementary school students still need close supervision when using electronic devices in their daily activities. Therefore, parents need to be wise when giving devices to their children and always keep an eye on any content on their children's electronic devices.

Sometimes parents use mobile phones to alaternatif when accompanying their children. With a variety of applications and features that attract attention, they are gadgets to accompany their children to be able to carry out activities calmly, without the need to be restless for their children to do activities with dirt or damage the house so that it interferes with the activities of parents. Therefore, parents should engage in open communication and discussion with their children about the content and content on their gadgets. That way, parents can provide appropriate guidance and help children form a balanced and responsible pattern of gadget use.

The ease of access to information, as provided by smartphone devices, has created new challenges for children in choosing content that is appropriate for their age. This phenomenon could possibly encourage children's interest in knowledge of material that is not appropriate for their age, which in turn could lead to inappropriate or even criminal behavior. Children may be interested in imitating what they

see or encounter in the digital world, without understanding the consequences or negative impacts. Therefore, careful supervision from parents and educators is becoming increasingly important in guiding children in choosing and interpreting the content they consume online. An appropriate approach can help children understand the limitations of inappropriate content and guide them to use technology wisely and responsibly.

RESEARCH METHODS

This study uses a literature review approach with the method of Systematic Literature Review (SLR). SLR is applied as one of the systematic strategies to summarize, critically evaluate, integrate and conclude the findings of various studies that are relevant to the topic or research question being investigated. This research begins with the search for articles that are relevant to the research topic to be investigated. Using this method, the study aims to present a comprehensive and in-depth understanding of the adverse effects of the use of electronic devices on the social growth of children in the school environment.

A systematic review is an approach used to investigate a particular problem or topic by identifying, evaluating, and selecting relevant studies based on pre-established criteria. This approach involves an analysis of previous studies that have proven to be of quality and relevant to the research question posed. By using a systematic review, the researcher can present a comprehensive and detailed picture of the existing research conditions, as well as provide strong conclusions based on the evidence found in the selected literature.

This study adopts the Systematic Literature Review (SLR) method, which is a systematic, transparent, and reproducible approach to identify, evaluate, and integrate the findings of previous studies that have been investigated by the research and use. Its purpose is to collect, review, and evaluate all research relevant to a predetermined research topic. By applying this method, the researcher can present a holistic and detailed understanding of the research topic, as well as generate strong conclusions based on the findings found in the literature studied.

Such research involves several important steps. The first step, formulate a research statement, namely how to reduce the use of electronic devices on social development in schoolchildren. Second, conduct a literature search using the Google Scholar database by limiting the search to articles published between 2018 and 2024.

Third, after obtaining a number of articles, the selection is carried out by selecting articles that are relevant to the research topic. Of the 50 articles found, 10 were selected that best fit the topic under study. Then, the articles were studied in detail, and from these 10 articles, 6 articles were selected that were most relevant to the theme of the discussion. Articles that do not cover the topic of discussion or do not meet the established criteria are not included in this study. Through this selection process, researchers seek to ensure that only the most relevant and useful information is included in their analysis.

The exclusion and inclusion process flow chart at the Systematic Review stage shows that from the total number of articles found, there is a rigorous selection process to select articles that are in accordance with the research objectives. The researchers follow a systematic and transparent process to ensure that the selected articles meet established criteria and are relevant to the topic under study. The results of the selection are then presented in the discussion and Conclusion section of the study.

RESULTS AND DISCUSSION

The use of gadgets, especially by students in elementary school, has a significant impact on their social development. It is important for parents, teachers and the surrounding environment to take an active role in controlling, supervising and providing guidance to children regarding the use of gadgets. It aims to ensure that the younger generation maintains a good pattern of development and understanding. With the

right guidance, it is hoped that children can use technology wisely so that it can optimize its positive potential while minimizing its negative impact.

Table. 1 results of research on reducing the use of electronic devices on social development inschool children

Researcher, and Year of Research	Journal	Results
Yummi Ariston, Frahasini (2018)	the impact of Gadget use on the social development of elementary school children.	The use of gadgets tends to make children less attentive to their surroundings and reduce their interaction with peers, impacting their social abilities. The rapid development of technology has made devices such as laptops, smartphones and tablets an essential part of the daily routine, but it has also brought a negative impact on children's social interactions.
Emri Oktaresa Putri, Agnita Utami, Raja Fitrina Lestari (2020)	the old relationship of Gadget use with pre-school children's social behavior.	Excessive use of electronic devices can produce negative impacts, such as reduced involvement in physical activity and social interaction, as well as eliciting lazy behavior. Especially in children, this can lead to a lack of involvement, lack of obedience and difficulty in adapting to the social environment. This can interfere with overall health and social development.
Chintami Luciana Karakat, Yesmin Tuwongihide, Monica Sri Rejeki Suparlan (2023)	the impact of excessive gadget use on elementary school children.	Extension education programs have improved students' understanding of the good and bad effects of gadget use, with the aim of helping them understand the proper way to use gadgets and manage unwanted impacts. The main objective of this effort is to provide children at the primary school level with an understanding of the importance of using the right amount of gadgets, while providing knowledge about the negative impact of excessive use of gadgets on their lives and social behavior. With this approach, children are expected to be more aware and responsible in using technology, and able to make wise decisions in managing the time and type of activities carried out with gadgets. In addition, another goal
Layinatus Syifa, Eka Sari Setianingsih, Joko Sulianto (2019)	the impact of Gadget use on psychological development in elementary school children.	Excessive use of smartphones produces a variety of negative impacts, including decreased discipline, laziness, lack of attention to religious tasks, and a reduction in the time allocated to study for children. This suggests that dependence on gadgets can disrupt children's balance and focus on important aspects of their lives, such as education and spirituality.
Putri Sofiatul Maola, Triana Lestari. (2021)	The influence of gadgets on the social development of elementary school children.	Excessive use of gadgets carries the risk of giving rise to addiction to online games among children, which has the potential to hinder their social progress. Continuous use of gadgets can have a negative impact on children's motor skills and emotional aspects, which in turn can affect
Fifin Dwi Purwaningtyas, Yesi Septiana, Hesti Aprilia, Galuh Candra. (2023)	The Impact Of Gadget Use Of Psychological Development In Elementary School Children.	Excessive use of electronic devices is potentially detrimental to children's emotional development. Quality research reveals that technology has a significant impact on the mental aspects of elementary school students. As parents, it is important to actively monitor and regulate children's access to electronic devices, given the far-reaching negative impacts that can affect their growth and development.

The results of the analysis of the meaning of kel that have been cited emphasize several crucial aspects related to the impact of gadget use on children's growth. It was found that the use of gadgets, such as smartphones and tablets, tends to reduce children's social interactions with peers and the surrounding environment, which has the potential to have a negative impact on their social abilities. In addition, excessive use of electronic devices can also lead to decreased involvement in physical activity and increased lazy behavior, which in turn can result in lack of involvement, less compliance, and difficulty in adjusting to the social environment.

The extension education Program aims to improve children's understanding of the good and bad consequences of using gadgets. In this way, they are expected to understand the right way to utilize gadgets and manage their negative impacts, while maintaining a balance between digital activities and direct social interactions.

The result of this discussion is that excessive use of smartphones can result in decreased discipline, laziness, and lack of attention to religious and educational tasks. Therefore, the supervision and regulation of children's access to electronic devices is very important for parents to prevent an even negative impact on children's emotional and mental development.

It is important to highlight the importance of raising awareness and careful regulation of children's use of gadgets, while strengthening the role of parents and educators in supporting their balanced and beneficial growth in this modern technological age. Thus, the active role of parents and educators is crucial in ensuring that children's use of technology has a positive impact on their overall development.

CONCLUSION

Advances in rapidly growing technology have provided great benefits to humans including the innovation of increasingly advanced gadgets. Gadgets such as laptops, netbooks, smartphones and tablets are becoming integral in everyday life, playing an important role in supporting human activities such as work and education. However, the use of smartphones also has a negative impact, especially for social development in children who are still in elementary school. Children can be too focused on their gadgets, so they often forget about social interaction with the environment around them and they also have less time to play with friends. Therefore, our role as parents becomes very important in monitoring and teaching their children in the use of gadgets. Parents need to teach values that are important for the development of children, as well as see the development of factors that can have an unfavorable impact on their social development. In addition, the role of a teacher in the primary school environment also has a significant impact in guiding children. They can help direct understanding of concepts and values that are important to a child's development. With good guidance and direction from parents and teachers, it is hoped that children can use gadgets wisely and still develop their social skills well.

REFERENCE

- Aini, N. Q., Faturohman, N., & Darmawan, D. (2023). Penerapan penguatan pendidikan karakter melalui metode pembiasaan guna pembentukan kemandirian anak usia dini di kb azzahroh serang. *JECIE (Journal of Early Childhood and Inclusive Education)*, 6(2), 98-113.
- Ariston, Y., & Frahsini, F. (2018). The impact of the use of gadgets for the social development of primary school children. *Journal of Educational Review and Research*, 1(2), 86-91.
- Asmaul Chusna, Praise. (2017). THE INFLUENCE OF MEDIA GADGETS ON THE DEVELOPMENT OF CHILDREN'S CHARACTER. *Journal Of Research Dynamics: Communication Media Of Religious Social Research* 17 (2), 315-330.

- Chusna, P. A. (2017). The influence of media gadgets on the development of children's character. *Dynamics Of Research: Communication Media Of Religious Social Research*,17(2), 315-330
- Daughter, E. O., Primary, A., & Lestari, R. F. (2020). Long association of Gadget use with pre-school children's social behavior. *Journal Of Promkes Horizon*,2(2), 80-86.
- Maola, P. S., & Lestari, T. (2021). The influence of gadgets on the Social Development of Primary School Children. *EduPsyCouns: Journal of Education, Psychology and Counseling*, 3(1), 219-225.
- Muslim, P. The Impact Of The Use Of Gadgets For The Social Development Of Students In Elementary School. In *Social, Humanities, and Educational Studies (SHES): Conference Series (Vol. 3, No. 3, pp. 2116-2122)*.
- Princess Diana, et al. (2018). Impact Of Gadget Use On Early Childhood Social Intraction Ability. Online ISSN (e-ISSN): 2548-4516 Volume 3.\
- Purwaningtyas, F. D., Septiana, Y., Aprilia, H., & Candace, G. (2023). The Impact Of The Use Of Gadgets On The Development Of Psychology In Primary School Children. *Journal Of Psychology Wijaya Putra (Psikowipa)*,4(1), 1-9.
- Ridwan, Admin. (2017). THE ROLE OF RELIGIOUS TEACHERS IN COUNSELING GUIDANCE OF PRIMARY SCHOOL STUDENTS. *Risâlah, Journal of Islamic education and studies* 4 (1), 1-13.
- Sawyer, Y., Yannaty, I. A., Widyastika, S. I., Harumsih, T. D., & Musyarofah, H. F. (2019, December). The impact of smartphone use on Early Childhood Development. In *Prosiding Seminar Nasional LPPM UMP (Vol. 1, pp. 691-697)*.
- Syifa, L., Setianingsih, E. S., & Sulianto, J. (2019). The impact of the use of gadgets on the development of psychology in elementary school children. *Journal Of Elementary School Science*,3(4), 527-533.
- Character, C. L., Tuwongihide, Y., & Suparlan, M. S. R. (2023). The Impact Of Excessive Use Of Gadgets On Primary School Children. *MAPALUS Journal of Community Service*,1(2), 43-49.