



Comparison of Traditional Games and Modern Games at State Elementary School 1 Guntung Manggis

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Abstract

This study aims to identify the comparison of traditional games and modern games against the skills of students at State Elementary School 1 Guntung Manggis. In today's digital era, modern games are increasingly dominating than traditional games, so it is important to explore its effect on children's skills. The type of research used is qualitative descriptive, with data collection through observation and interviews. The data analysis process is carried out through data collection, data reduction, data presentation, and conclusion drawing. The results of the study showed that traditional games such as gobak sodor, forts, clogs, hide and seek and hid plots were more often played at the State Elementary School 1 Guntung Manggis and had a significant impact on the social, physical, and emotional development of students. Meanwhile, while modern games such as rubik, monopoly, roblox, free fire and pubg are also popular, the negative impact is seen in the reduction of social interaction and the tendency to play individually. The conclusion is that games have a greater positive impact than modern games, Especially in the aspects of social interaction, cooperation, thinking skills, and emotional and behavioral management.

How to Cite

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INTRODUCTION

Play is one of the important aspects of a child's development, serves as a means to learn, interact and explore. Play is also a simple process filled with excitement, allowing individuals to use their imagination and full potential to learn and understand their surroundings better (Arum et al., 2021). In the context of education, games do not only play a role as a means of entertainment, but also as an effective learning method. According to research (Saputra, 2017) play has significant practical value because it serves as a tool to develop children's skills and abilities, where through these activities they can learn and practice skills that are essential for their growth and development. And according to (Anggita, 2019) one form of physical activity that can support children's development is through games. In Indonesia, there are two commonly known categories of games, namely traditional games and modern games. Traditional games, which have been around for a long time, often contain rich cultural and social values, while modern games are generally technology-based, offers exciting new experiences for children.

Traditional games in Indonesia, such as the fortress, gobak sodor, clogs and stilts have deep cultural roots and often involve high social interaction. According to (Firdaus et al., 2023) traditional games are those that have been passed down from our ancestors, the result of the cultural process of ancient humans who are still thick with local wisdom values. (Siregar & Lestari, 2018) also explained that traditional games are entertainment activities that use simple tools. Because it is generally played in rural environments, this game is often referred to as a folk game (Seriati & Hayati, 2010). This game is often played outdoors, that allows children to interact directly with their peers, thus strengthening the social bond between them. From this opinion, it can be concluded that traditional games do not only function as a means of entertainment, but also as a tool to strengthen social interaction and preserve local cultural values. Therefore, it is important to encourage children to stay familiar with and participate in traditional games, although in the midst of an increasingly strong modernization trend.

On the other hand, modern games that are generally digital-based have become an important element in the lives of today's children. These types of games offer a wide range of experiences, from video games to mobile apps designed to enhance players' cognitive abilities. However,

current games tend to be static and lack of movement, which can have impacts such as addiction, decreased social skills, and physical and mental problems. According to (Zulkhi & Jannah, 2022) when children play this modern game, they are more likely to be individuals because they often play alone. Another study by (Fischer et al., 2016) shows that there is a correlation between interaction with gadgets and a decrease in children's social skills. According to (Nur & Asdana, 2020) also in recent years, modern games have gradually shifted the popularity of traditional games. Modern games are a form of activity that has evolved from traditional games. With its various features and advantages, modern games have caught the attention of children, leaving them fascinated and forget about time.

Traditional Indonesian games, which are an integral part of art and culture and are highly entertaining for children, are now marginalized by modernization. In fact, this game plays an important role in children's development. As a result, many children prefer electronic devices and forget about this rich cultural heritage (Sava & Harianto, 2024). In this era of globalization, traditional and modern games play a complementary role in children's development. Traditional play, through physical and social interaction, helps improve motor and social skills. In contrast, modern technology-based games tend to be individualistic and can limit direct social interaction. According to (Raguan et al., 2024) traditional games are gradually changing over time, with children now spending more time playing games or devices such as gadgets and preferring to play indoors..

Through observations made at State Elementary School 1 Guntung Manggis, it was revealed that students actively participated in various games, both traditional and modern, each of which has different characteristics and impacts on their social and physical development. Observation begins by observing students' play habits, both in and out of the classroom. In the field area, students are more likely to choose traditional games such as gobak sodor and fort, especially during break time or sports time. This is in line with the efforts of teachers at State Elementary School 1 Guntung Manggis to introduce traditional games, so that it can create a fun and meaningful learning atmosphere for students. As stated by (Amirudin, 2019) with the right teaching strategy, teachers can create an engaging learning environment, where students will enjoy the learning process more if they can experience the material taught directly through an appropriate approach.

On the other hand, modern games such as UNO cards, rubiks, snakes and ladders, and monopolies are more often played by students during recess or during empty lessons. In addition, modern digital games such as roblox, PUBG, and free fire are more commonly played at home. This comparison also shows the impact of both types of games on students' social interaction; traditional games tend to involve more children in a single activity, while modern games are often played individually or in small groups. Observations also indicate that traditional games have a stronger educational value, teach students about cooperation and discipline. Meanwhile, although modern games offer entertainment, they often carry the risk of addiction.

As such, it is important to consider the balance between these two types of play in supporting children's social and physical development. Traditional games not only serve as a means of entertainment but also as a learning tool that teaches important life values such as cooperation and discipline. In this context, the preservation of traditional games must continue to be encouraged in order for the younger generation to stay connected to their cultural heritage while still enjoying the technological advancements offered by modern games.

Various relevant studies have been conducted to identify the comparison of traditional games and modern games. Research according to (Saddam et al., 2024) shows that there is a difference between traditional and modern games on children's physical skills. Meanwhile, according to (Zulkhi & Jannah, 2022) modern games and traditional games provide positive things for learning. However, according to (Nur & Asdana, 2020) modern games in the digital era tend to make them "operators" rather than "creators", which has an impact on the decline of children's character. This change is caused by technological advances that affect various patterns of behavior. According to (Dharmamulja, 2015) electronic and traditional games are actually not a big debate, however in the era of globalization, many realize that the values in traditional games need to be rediscovered because modern games are considered to further distance children from their educational values.

The novelty of this research lies in the focus of the study which examines the need to understand the comparison of the two types of games to the skills of students. With the increasing use of technology in daily life, Perhaps children tend to be more interested in modern games, which can result in an abandonment of traditional ga-

mes. Perhaps in other studies examining comparisons with modern gaming conditions that still allow direct interaction such as playing play stations and internet cafes, meanwhile, now moving to the digital era that can be individual. This has the potential to reduce children's opportunities to interact directly and learn the social and cultural values contained in traditional games. In addition, this research offers a local perspective by considering the skills of students and the environment of State Elementary School 1 Guntung Manggis, And what sets it apart from previous research is its location and population.

The problem statement in this study focuses on comparing the impact caused by traditional and modern games on the social, cognitive and physical skills of students at Sekolah Elementary Negeri 1 Guntung Manggis. Amid rapid technological developments and the growing popularity of modern games, often digital-based, there are concerns about the deterioration of the quality of children's social interactions and the increased risk of addiction and social isolation that may arise from the tendency to play individually. Meanwhile, traditional games that are rich in cultural and social values, although increasingly marginalized by the times, have significant benefits in strengthening relationships between students, improving physical skills, and instilling important values such as cooperation, discipline, and empathy. Therefore, this study aims to analyze the differences in the impact of the two types of play on children's social and physical skills, as well as provide a broader perspective on the importance of preserving traditional games as an integral part of education that supports children's overall development. This research is also expected to provide insight to educators, parents, and related parties regarding the balance between technology and culture in play activities, which can make a positive contribution to the formation of children's character and social skills in this modern era.

METHODS

In this study, the researcher employs a qualitative descriptive method aimed at exploring and understanding the comparison between traditional and modern games at State Elementary School 1 Guntung Manggis. According to (Handayani, 2020) qualitative research investigates the individual point of view, interactive and adaptable techniques, and qualitative studies aim to understand social phenomena. This research involves collecting data through observation and

interviews, who were selected by purposive sampling to obtain relevant and in-depth information about their experiences and views on both types of games.

The population of this study consisted of 346 students from State Elementary School 1 Guntung Manggis, then the research sample was 53 students from grade 4 consisting of classes A and B. The sample was selected through purposive sampling because the fourth-grade students are generally at an age that is sufficiently mature cognitively and socially, and they have had adequate experience playing various types of games, both traditional and modern. For interviews, we conducted interviews with students and sports teachers at State Elementary School 1 Guntung Manggis. The interview technique was conducted during break time and directly observed the activities of the students at school. Through this approach, this research aims to provide comprehensive insights regarding the roles and impacts of two games in students' lives, and to highlight the importance of preserving traditional games in the midst of the development of modern games. The data analysis technique for this study uses the Miles and Huberman model which consists of data collection, reduction, data presentation, and conclusion drawing.

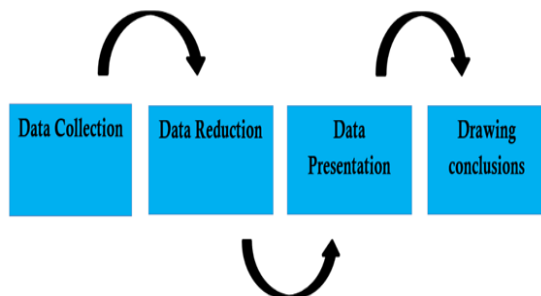


Figure 1. Qualitative research stage.

RESULTS AND DISCUSSION

Related to observation and interview data, namely the traditional games played by students of State Elementary School 1 Guntung Manggis are gobak sodor, fort, clogs and enggrang which are played during sports hours or during breaks, While the modern games Rubik, Uno cards, snakes and ladders and Monopoly, the games are played during breaks. Then the researcher conducted interviews with students and teachers of the State Elementary School 1 Guntung Manggis to find out more about the activities of the students of the State Elementary School 1 Guntung Manggis in their daily lives at school. Then the re-

searcher conducted observations for 1 month on students of State Elementary School 1 Guntung Manggis who played their games during exercise hours or during recess. The researcher made observations to observe firsthand how students of State Elementary School 1 Guntung Manggis played traditional games and modern games **Table 1**.

The results of this study revealed interesting findings related to the habit of playing traditional and modern games among students of State Elementary School 1 Guntung Manggis, class 4 A and 4 B. Traditional games, such as gobak sodor, clogs, stilts, and rooks, are often played during sports lessons or when recess time arrives. This activity is not only fun but also has a significant positive impact on the social, physical, and emotional development of students. This traditional game is very effective in strengthening social interaction between fellow students, and strengthening the values of cooperation, empathy, and mutual help. Children learn to work in teams, listen to the opinions of friends, and solve problems together, which is important in building harmonious relationships in the school environment. In addition, traditional games also have a great influence on training children's physical skills, such as strength, agility, and body coordination, which are not only beneficial for health, but also enrich their experience in sports.

Not only that, this traditional game also has benefits in shaping the character of students. Physical activities performed while playing introduce them to the concepts of sportsmanship, creativity, and intelligence, which also support their cognitive development. More than that, traditional games teach important values such as mutual cooperation, cooperation, and good manners in interacting with others. This is in accordance with research (Anggita et al., 2020) which states that traditional games function as an effective means to support children's motor development and character formation through physical activity. By playing traditional games, students not only acquire physical skills, but also build a strong character foundation for their social life.

On the other hand, modern games, such as Uno cards, monopoly, snake and ladder, and rubik, liked because it is considered fun, sophisticated, and in accordance with the development of the times. Meanwhile, modern games such as PUBG games, free fire and roblox are preferred by students because they are technology-based, which piques their curiosity towards the latest apps and games. However, the negative impact of

Tabel 1. Results of interviews with students and teachers of State Elementary School 1 Guntung Manggis

Question	Informant	Interview results
What is meant by traditional games and can explain some examples of these types of games?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	According to students and physical education teachers of State Elementary School 1 Guntung Manggis, It is concluded that traditional games have two main characteristics as cultural heritage passed down between generations and as games from the past that are increasingly unknown, But it still needs to be preserved. The traditional types of games such as gobak sodor, engrang, engklek, and clogs depict a diversity of physical and social activities, and serve to strengthen social relationships and maintain health.
What is a modern game and can you explain some examples of these games?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Modern games are games that have been modified or adapted from their original form according to 4th grade students and physical education teachers of State Elementary School 1 Guntung Manggis. Some types of modern games known by students include Monopoly, Rubik, Uno, Snake and Ladder and digital-based ones are PUBG, free fire and Roblox. These games are generally board games and puzzles and games that are popular with children.
What is your reason for liking traditional games, what do you think are the benefits of the game?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Based on interviews with 4th grade students and physical education teachers of State Elementary School 1 Guntung Manggis, Traditional games are favored because they provide excitement and fun, which makes them remain popular among student. In addition, the benefit of traditional games is that it helps maintain the physical health of students through physical activities carried out during play.
What is your reason for liking modern games, what do you think are the benefits of the game?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Based on interviews with 4th grade students and physical education teachers of State Elementary School 1 Guntung Manggis, Modern games are preferred by learners because they provide similar fun to traditional games, albeit in a different form. However, modern games also have benefits and risks, one of which is the potential for addiction that parents and educators need to be aware of.
What games are more interesting to student (traditional or modern)?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Based on the interview, students enjoy various types of games, both traditional ones like gobak sodor, fort, and hide and seek, as well as modern ones like Uno cards, Monopoly, Roblox, PUBG, and Free Fire.. Although students appreciate both types of games, traditional games are played more dominantly in the school environment, reflecting the students' love and active participation in preserving traditional games..
What types of games do students play most often in school?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Based on interviews with 4th grade students and physical education teachers of State Elementary School 1 Guntung Manggis, Games that are often played in schools include gobak sodor and fort, which shows that traditional games are still popular among students. In addition, students also play various types of modern games such as UNO, Rubik, and monopoly during recess. This shows that although students appreciate both types of games, traditional games are more dominant in the school environment.
How do students behave when playing?	Grade 4 students and physical education teachers of State Elementary School 1 Guntung Manggis	Based on interviews, students said they showed positive behavior when playing, both in traditional and modern games. The teacher noted that students looked happier when playing traditional games, While in modern games, they tend to be more focused and sometimes lose track of time. Many students also show good attitudes such as remembering time, being sportsmanlike, and not cheating. This shows that students have responsibility, integrity, and awareness of the importance of a positive attitude in play.

modern games is more pronounced, especially related to reduced social interaction, lack of physical activity, and a tendency to play individually. As stated in the research (SANTY, 2018) that analyzes the comparison of traditional and modern games, traditional games have a greater positive impact compared to modern games. Modern games tend to reduce the chances of gathering in large numbers and interacting with friends, thereby deteriorating the quality of social relationships. In addition, the habit of playing modern games for a long time can also interfere with learning activities and other activities, and has the potential to cause addiction, health problems due to lack of movement and allocation of funds for internet access and interactive entertainment applications.

However, modern games make a significant contribution to children's cognitive development, traditional games have a much broader and positive impact in supporting their social and physical development. Traditional games are not only effective in strengthening physical skills, but it also plays a very important role in improving children's ability to interact socially, work together, and develop a sense of empathy for others. In contrast to modern games that focus more on developing cognitive abilities, traditional games provide greater opportunities for children to learn to interact directly, which plays an important role in strengthening their social and emotional skills. Thus, traditional games have proven to be very beneficial in helping children build better social relationships and adapt more easily to their social environment (Herawati et al., 2021).

CONCLUSION

Based on the description of the research results in the previous chapter, it can be concluded that traditional games have a more positive impact on State Elementary School 1 Guntung Manggis than modern game, especially in social interaction, motor skills and thinking skills as well as the management of emotions and behavior.

The results of this study are likely to raise awareness of the need to preserve traditional games in the period of the rise of modern games, and provide useful recommendations for educators, parents, and legislators who want to improve children's development. Integrating traditional games into the educational curriculum can be a successful technique for balancing the use of digital technology with cultural values. Additionally, the assistance of families and communities in teaching and playing traditional games is essential

to ensure that the younger generation maintains a connection to their cultural heritage while acquiring important social and emotional skills.

REFERENCES

- Amirudin, A. (2019). Peningkatan Hasil Belajar Lompat Jauh Melalui Pendekatan Bermain. *Multilateral Jurnal Pendidikan Jasmani Dan Olahraga*, 17(2). <https://doi.org/10.20527/multilateral.v17i2.5711>
- Anggita, G. M. (2019). Eksistensi Permainan Tradisional sebagai Warisan Budaya Bangsa. *JOS- SAE : Journal of Sport Science and Education*, 3(2), 55. <https://doi.org/10.26740/jossae.v3n2.p55-59>
- Anggita, G. M., Ali, M. A., Sugiarto, S., & Mukarromah, S. B. (2020). Erratum: Analisis Pengetahuan dan Partisipasi Siswa Sekolah Dasar Terhadap Permainan Tradisional. *JUARA : Jurnal Olahraga*, 5(2). <https://doi.org/10.33222/juara.v5i2.913>
- Arum, R. P., Sholehah, A. M., & Fatmawati, F. (2021). Pemanfaatan Game Online Sebagai Permainan Edukatif Modern Untuk Mengembangkan Kreativitas Anak. *Jurnal Buah Hati*, 8(1), 33–48. <https://doi.org/10.46244/buahhati.v8i1.1342>
- Dharmamulja, S. (2015). *Permainan Tradisional Jawa*. Yogyakarta: Kepel Press.
- Firdaus, M., Mashunah, D., Ghani, M. I., Harmono, Z. L., Oktavia, R., Kahri, M., Ichsan, D. A., Anggara, N., & Warni, H. (2023). Empowerment of Traditional Sports in Lower Grade Elementary Schools in Banjar Regency. *Riyadhoh : Jurnal Pendidikan Olahraga*, 6(2), 294. <https://doi.org/10.31602/rjpo.v6i2.13373>
- Fischer, W. W., Hemp, J., & Johnson, J. E. (2016). Evolution of Oxygenic Photosynthesis. *Annual Review of Earth and Planetary Sciences*, 44, 647–683. <https://doi.org/10.1146/annurev-earth-060313-054810>
- Handayani, R. (2020). *Metode Penelitian Sosial*. In Bandung (Issue September).
- Herawati, I. E., Ningrat, B., Puspita, A. R., Yulia, K., Marliana, N. K., Octora, F. M., Yundina, K., & Daud, N. (2021). Upaya Pelestarian Permainan Tradisional Sebagai Warisan Budaya Bangsa. *Jurnal Pengabdian Kepada Masyarakat Babakti*, 1(1), 29–34. <https://doi.org/10.53675/babakti.v1i1.183>
- Nur, H., & Asdana, M. F. (2020). Pergeseran Permainan Tradisional Di Kota Makassar. *Phinisi Integration Review*, 3(1), 17–29.
- Raguan, S., Rahmadi, R., & Rakhman, A. (2024). Analysis of Traditional Sports Games in Developing Cooperative Characters in Early Children. *Riyadhoh : Jurnal Pendidikan Olahraga*, 7(1), 87. <https://doi.org/10.31602/rjpo.v7i1.14669>

- Saddam, M., Agung, S., Rukmana, A., & Dinangsit, D. (2024). Perbandingan Permainan Tradisional dan Permainan Modern Terhadap Keterampilan Fisik Anak Pendahuluan. 7(2), 884–896. <https://doi.org/10.29408/porkes.v7i2.27031>
- Santy, N. E. W. (2018). Perbandingan Permainan Tradisional Dengan Permainan Modern Terhadap Keterampilan Anak Usia Sekolah Dasar. *Gender and Development*, 120(1), 0–22. http://www.uib.no/sites/w3.uib.no/files/attachments/1._ahmed-affective_economies_0.pdf<http://www.laviedesidees.fr/Vers-une-anthropologie-critique.html>[http://www.cairn.info](http://www.cairn.info/lama.univ-amu.fr/resume.php?ID_ARTICLE=CEA_202_0563%5Cnhttp://www.cairn.info)
- Saputra, S. Y. (2017). Permainan Tradisional Vs Permainan Modern Dalam Penanaman Nilai Karakter Di Sekolah Dasar. *ELSE (Elementary School Education Journal)*, 1(1), 85–94.
- Sava, I. B., & Harianto, S. (2024). Esensi Budaya Permainan Tradisional pada Anak- Anak di Era Globalisasi. October. <https://doi.org/10.31004/obsesi.v8i4.6030>
- Seriati, N. N., & Hayati, N. (2010). Permainan Tradisional Jawa Gerak dan Lagu Untuk Menstimulasi Keterampilan Sosial Anak Usia Dini. Lumbung Pustaka Universitas Negeri Yogyakarta. Naskah Publikasi. https://www.academia.edu/download/54035158/Artikel_Permainan_Tradisional.pdf
- Siregar, N., & Lestari, W. (2018). Peranan permainan tradisional dalam mengembangkan kemampuan matematika anak usia sekolah dasar. *Jurnal Mercumatika : Jurnal Penelitian Matematika Dan Pendidikan Matematika*, 2(2), 1. <https://doi.org/10.26486/jm.v2i1.427>
- Zulkhi, M. D., & Jannah, M. (2022). Perbandingan Permainan Modern dan Permainan Tradisional Terhadap Muatan Pembelajaran IPS di Sekolah Dasar. *Journal of Basic Education Research*, 2(2), 42–46. <https://doi.org/10.37251/jber.v2i2.196>