

Development Of Animation-Based Digital Learning Media To Improve Elementary School Students' Learning Interest

Rahmawati Patta¹, Amir Pada², Meinarti³

¹ PGSD, Universitas Negeri Makassar, Indonesia

² PGSD, Universitas Negeri Makassar, Indonesia

³ PGSD, Universitas Negeri Makassar, Indonesia

Article	Abstract
<p>Keywords: Digital Learning Media; Interactive Multimedia; Science and Social Studies (IPAS); Elementary School; Literature Review.</p> <p>Article History Received: Nov 12, 2025 Reviewed: Des 11, 2025 Accepted: Jan 11, 2026 Published: Feb 03, 2026</p>	<p><i>This study uses a literature review method aimed at determining the influence of the development of animation-based digital learning media in increasing elementary school students' learning interest. Animation-based learning media is one of the learning innovations capable of creating a more engaging, interactive, and enjoyable learning atmosphere. The study was conducted by collecting various scientific journals from the last five years that are relevant to the research topic. The results show that the use of animation media can increase students' motivation, attention, and learning interest during the learning process. Animation media also help students understand learning materials through attractive visual displays, sound, and moving images. In addition, the use of animation-based digital media helps teachers create creative and innovative learning experiences so that students become more active in the learning process. Thus, the development of animation-based digital learning media is very important to be implemented in elementary school learning.</i></p>



Copyright ©2026 by Author(s); This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License. All writings published in this journal are personal views of the authors and do not represent the views of this journal and the author's affiliated institutions.

INTRODUCTION

Education is one of the important aspects of improving the quality of human resources. In the educational process, teachers play a major role in creating effective and enjoyable learning experiences for students. Therefore, teachers need to use innovative learning media so that students become more active and interested in participating in learning activities. Technological developments provide many opportunities for the educational sector to create engaging and interactive digital learning media. One of the media widely used today is animation-based learning media. Animation media are capable of presenting moving images, sound, video, and text, making learning more interesting and less monotonous for elementary school students.

According to Aisyah and Rahman (2021), the use of animation-based digital learning media can increase students' learning motivation because learning becomes more engaging and interactive. Students become more active in participating in learning activities, making the material easier to understand.

Learning interest is an important factor that influences students' success in learning. Students who have a high level of learning interest tend to be more active, enthusiastic, and focused during the learning process. On the other hand, students with low learning interest are more likely to become bored and pay less attention to the teacher's explanations.

According to Fitriani and Hasanah (2022), animation media have a positive influence on the motivation and attention of elementary school students during the learning process. The use of animation media helps students focus more on understanding the learning materials.

In addition, the use of animation-based digital learning media also helps teachers explain materials that are difficult for students to understand. Teachers can present materials through attractive images, videos, and animations, making learning more effective.

Based on the description above, this study was conducted to determine the importance of developing animation-based digital learning media in increasing elementary school students' learning interest through a literature review method.

Current developments in educational technology have had a significant impact on the learning process in elementary schools. Teachers are required to be able to use innovative learning media so that students become more interested and active in participating in learning activities. One of the learning media that can be used is animation-based digital learning media. Animation media are considered capable of creating a more engaging learning atmosphere because they combine moving images, sound, video, and text in the learning process.

Animation-based digital media are capable of increasing elementary school students' learning motivation. The use of animation media makes students more enthusiastic about participating in learning because the material is presented in an engaging and interactive manner. In addition, students find it easier to understand the material provided by teachers through creative visual displays.

This is also supported by the study conducted by Fitriani and Hasanah (2022), which states that “the use of animation media has a positive influence on students' attention during the learning process” (p. 123). With animation media, students become more focused on learning materials, making the learning process more effective.

In addition to increasing students' attention, digital learning media also help students understand learning materials more easily. According to Handayani and Saputra (2023), “interactive digital media help students understand learning materials through attractive visual displays” (p. 2148). Engaging animation displays make students more active and less likely to become bored during the learning process.

The use of animation media also has a positive influence on elementary school students' learning interest. Maulana and Sari (2020) explain that “the use of animation media can increase elementary school students' learning interest” (p. 101). Students become more interested in participating in learning because it feels more enjoyable compared to conventional learning.

In addition, technology-based animated videos also help improve student learning outcomes. Rahmawati and Hidayat (2024) state that “technology-based animated videos have a positive influence on elementary school students' learning outcomes” (p. 58). Through animated videos, students can more easily understand difficult learning concepts because the material is presented in a concrete and engaging manner.

Pratiwi and Amelia (2023) also explain that “the effectiveness of animation media can be seen from the increased activeness of students during the learning process” (p. 154). Students become more active in asking questions, answering questions, and participating in learning activities. Animation-based learning media are capable of improving elementary school students' learning outcomes. The use of animation media helps students understand materials more quickly, thereby improving their learning outcomes.

Based on these opinions, it can be concluded that the development of animation-based digital learning media plays an important role in increasing elementary school students' learning interest. Animation media are capable of creating learning experiences that are more engaging, active, creative, and enjoyable, making it easier for students to understand learning materials. Therefore, the development of animation-based learning media needs to be implemented in elementary school learning so that the quality of learning can be improved.

METHOD

This study uses the **literature review method**. The literature review method is carried out by collecting various scientific journals, articles, and previous studies relevant to the research topic.

The research data were obtained from national journals published within the last five years that discuss animation-based digital learning media and elementary school students' learning interest. The data collection technique was conducted by

reading, understanding, recording, and analyzing various relevant scientific sources.

The data analysis technique was carried out by comparing the results of previous studies and then organizing them systematically to obtain research conclusions.

RESULTS AND DISCUSSION

Results

Based on the results of the literature review that has been conducted, it was found that the use of animation-based digital learning media has a positive influence on elementary school students' learning interest. Animation-based learning media are capable of creating a more engaging and enjoyable learning atmosphere so that students become more active in participating in the learning process. The use of animation in learning helps students understand the material more easily because the material is presented through moving images, videos, sounds, and attractive colors. In addition, animation media make students more focused on learning activities so that the learning process becomes more effective compared to learning that only uses lecture methods.

According to Maulana and Sari (2020), the use of animation media can increase students' learning interest because learning becomes more engaging and enjoyable. Students become more active in participating in learning activities and can more easily understand the material provided by the teacher. The use of animation media prevents students from becoming easily bored during the learning process. Attractive moving images and videos are able to help students understand learning concepts more clearly, making students more enthusiastic about learning. This indicates that animation media have a significant influence on increasing elementary school students' learning interest.

Research conducted by Aisyah and Rahman (2021) shows that animation-based learning media are capable of increasing elementary school students' learning motivation through attractive and interactive visual displays. The use of animation media helps students focus more on learning materials because they are interested in learning presentations that differ from the usual approach. In addition, animation media also help teachers create an active and enjoyable learning atmosphere, making students more enthusiastic about participating in classroom learning activities. With animation media, students not only listen to the teacher's explanations but can also directly observe images and videos related to the learning materials.

Furthermore, Fitriani and Hasanah (2022) state that the use of animation media helps students remain more focused during the learning process, thereby

increasing students' attention to learning materials. Animation media are capable of attracting students' attention because learning is presented through attractive and colorful visual displays. This makes it easier for students to understand the material explained by the teacher. The use of animation media also helps students become more active in asking and answering questions during learning activities, creating positive interaction between teachers and students in the classroom.

Handayani and Saputra (2023) explain that interactive digital media can help students understand Science and Social Studies (IPAS) materials through attractive images, videos, and animations, making students more active in learning. The use of interactive digital media enables students to understand abstract materials more easily because the content is presented concretely through visual displays. In addition, the use of animation media helps teachers explain materials more easily so that students do not experience difficulties in understanding lessons. This indicates that animation-based digital learning media are highly effective for use in elementary school learning.

Rahmawati and Hidayat (2024) also explain that the use of technology-based animated videos has a positive influence on elementary school students' learning outcomes because students can more easily understand learning materials presented visually. Animated videos help students directly observe examples and learning processes, allowing them to understand the material taught by teachers more quickly. The use of animated videos also makes students more interested in participating in learning because learning feels more enjoyable and less monotonous. Thus, animation media not only increase students' learning interest but also help improve elementary school students' learning outcomes.

Pratiwi and Amelia (2023) state that the effectiveness of animation media can be seen from the increased activeness of students during the learning process. Students become more active in asking questions, answering questions, and participating in learning activities. The use of animation media makes students more confident in expressing opinions and discussing with their classmates. In addition, animation media help create a more dynamic learning atmosphere, making students more enthusiastic about participating in learning activities from beginning to end.

Lestari and Ningsih (2024) explain that animation-based learning media are capable of improving elementary school students' learning outcomes because learning becomes more interactive and less monotonous. Students can understand learning materials more easily because the materials are presented through attractive images and videos. In addition, the use of animation media helps students retain learning materials longer compared to conventional learning. This

shows that animation-based learning media play an important role in improving the quality of learning in elementary schools.

Based on these research findings, it can be concluded that the use of animation-based digital learning media plays a very important role in increasing elementary school students' learning interest. Animation media help students become more active, focused, enthusiastic, and able to understand learning materials more easily. In addition, animation media also help teachers create learning experiences that are creative, innovative, and enjoyable, making the learning process more effective and of higher quality.

Discussion

The development of animation-based digital learning media is one of the educational innovations that is very important to implement in elementary school learning. The use of animation media can help teachers create a more engaging and enjoyable learning atmosphere for students. Learning that utilizes animation media makes students more interested in participating in the learning process because the materials are presented through moving images, videos, sounds, and interactive visual displays. As a result, students do not easily become bored during learning activities.

According to Aisyah and Rahman (2021), the use of animation media in learning can increase students' learning motivation because students are more interested in learning processes presented visually. Animation media help students understand learning materials more easily compared to learning that only uses lecture methods. In addition, the use of animation media helps students remain more focused during learning activities, significantly increasing their attention to learning materials.

Animation-based learning media are also capable of helping teachers create creative and innovative learning experiences. Teachers can deliver learning materials through engaging animated videos, making students more active during the learning process. The use of animation media makes it easier for teachers to explain materials that are difficult for students to understand because the materials can be presented visually and concretely. As a result, students can understand the learning materials provided by the teacher more quickly.

Fitriani and Hasanah (2022) explain that the use of animation media makes students more focused on learning materials because elementary school students tend to prefer learning activities that use attractive images and colors. Animation media are able to capture students' attention, making them more active in paying attention to the teacher's explanations during the learning process. In addition,

animation media also help create a more enjoyable learning atmosphere so that students become more enthusiastic about learning.

Besides increasing students' attention, animation media also help students understand abstract learning concepts in a more concrete way. For example, in Science and Social Studies (IPAS) learning, students can observe the process of rainfall, the solar system, or plant growth through animated videos, making it easier for them to understand the learning materials. This shows that the use of animation media is highly beneficial for elementary school students in understanding materials that are difficult to comprehend through ordinary explanations.

According to Handayani and Saputra (2023), interactive digital media can help students understand learning materials more effectively because learning is carried out through attractive and easily understood visual displays. The use of digital media also helps students become more active in the learning process because they not only listen to the teacher's explanations but can also directly observe engaging learning images and videos.

The use of animation media also helps improve interaction between teachers and students during the learning process. Students become more active in asking questions, discussing, and answering questions given by the teacher. In addition, animation media help create a more dynamic learning atmosphere, making students more confident in participating in classroom learning activities. This indicates that animation media not only increase students' learning interest but also help improve students' activeness in learning.

Thus, the development of animation-based digital learning media is very important to be implemented in elementary school learning because it can optimally increase students' learning interest, learning motivation, attention, and learning outcomes.

CONCLUSION

Based on the results of the literature review that has been conducted, it can be concluded that the development of animation-based digital learning media has a positive influence on elementary school students' learning interest. Animation media are capable of increasing students' attention, motivation, and activeness during the learning process. In addition, animation media also help teachers create learning experiences that are creative, innovative, and enjoyable, making it easier for students to understand learning materials.

SUGGESTIONS

1. Teachers are expected to be able to develop animation-based learning media so that learning becomes more engaging and interactive.
2. Schools need to provide technological facilities to support the use of digital learning media in elementary schools.

Future research is expected to develop more innovative animation media in accordance with advancements in educational technology.

ACKNOWLEDGMENTS

The author would like to express gratitude to all parties who have provided assistance and support in the preparation of this research so that the study could be completed successfully.

REFERENCES

- Aisyah, N., & Rahman, A. (2021). *Development of Animation-Based Digital Learning Media to Improve Elementary School Students' Learning Interest*. Jurnal Basicedu, Vol. 5 No. 4, pp. 2331–2339.
- Fitriani, D., & Hasanah, L. (2022). *The Influence of Animation Media on Elementary School Students' Learning Motivation*. Indonesian Journal of Basic Education, Vol. 7 No. 2, pp. 120–128.
- Handayani, R., & Saputra, M. (2023). *Utilization of Interactive Digital Media in Science and Social Studies (IPAS) Learning in Elementary Schools*. Jurnal Obsesi, Vol. 7 No. 3, pp. 2145–2154.
- Lestari, A., & Ningsih, R. (2024). *Animation-Based Learning Media to Improve Elementary School Students' Learning Outcomes*. Journal of Education and Counseling, Vol. 6 No. 2, pp. 334–342.
- Maulana, F., & Sari, D. (2020). *The Influence of Using Animation Media on Elementary School Students' Learning Interest*. Journal of Elementary School Teacher Education, Vol. 5 No. 3, pp. 98–107.
- Pratiwi, M., & Amelia, S. (2023). *The Effectiveness of Animation Learning Media on Elementary School Students' Activeness*. Journal of Educational Innovation, Vol. 4 No. 2, pp. 150–159.
- Rahmawati, Y., & Hidayat, R. (2024). *Development of Technology-Based Animated Learning Videos for Elementary School Students*. Journal of Educational Technology, Vol. 9 No. 1, pp. 55–64.