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ANIMATED VIDEO-BASED LEARNING ON THE FORES AND PROPERTIES OF OBJECTS FOR CLASS II SD NEGERI 2 CALANG

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ABSTRACT

The use of animated videos in education has become an integral part of the learning process, especially at the elementary school level. This article explores the contribution and positive impact of using animated videos in the context of early childhood learning. Focusing on its benefits in strengthening conceptual understanding, providing a fun visual learning experience, and supporting the development of students' creative and collaborative skills. Through engaging visual depictions and personalization of the learning experience, this approach enriches traditional methods by creating a more interactive learning environment and stimulating students' critical thinking. By integrating animated videos in the elementary school curriculum, we pave the way to create more engaging, effective and relevant learning for future generations. In this context, the use of visuals in the form of animation encourages student involvement in the learning process, strengthens memory, and helps them understand physical and natural concepts more thoroughly. By introducing animated videos as part of learning about the shapes and properties of objects, this article highlights the important role of technology in providing a more dynamic and fun teaching method for elementary school students.

Keywords: *Science Animation Video Learning*

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INTRODUCTION

Education is the main foundation in forming future generations. In the midst of dynamic technological developments, educators around the world are trying to find innovative ways to enrich the learning process (S. M. Sari, 2018). One of the breakthroughs that has emerged and brought significant transformation is the use of animated videos in educational contexts, especially at the elementary school level (Mardhatillah et al., 2019)

Animated videos are no longer just mere entertainment, but have become a very effective tool in conveying lesson material to young students (Mayang Sari et al., 2022). Here, at the primary school level, where the foundations of knowledge are embedded, the use of this technology offers great potential to enrich the way we teach and students learn (S. M. Sari, Kasmini, Bina, et al., 2023). The PBL-based animated video media developed in this development research is a product used to assist in carrying out science teaching and learning activities (S. M. Sari, Kasmini, & Husni, 2023).

Fun visual introductions, lively characters, and engaging narratives are elements that change the way students absorb information (S. M. Sari et al., 2022). The use of animated videos allows complex concepts to be presented in a format that is more easily digested by children, providing a learning experience that is not only informative, but also entertaining (M. Sari & Lubis, 2019).

This article will explore the role of animated videos in facilitating more effective and engaging learning for elementary school students. By exploring the benefits, challenges and possibilities for further development, we can understand how animated videos have become an important instrument in providing a more dynamic and relevant education for future generations.

METHODS

1. Identify learning objectives

The first step in using animated videos is to identify the learning objectives you want to achieve. These objectives must be clear, measurable, and relevant to the elementary school curriculum. For example, understanding basic concepts or explaining the properties of objects in natural science.

2. Selection of Material and Script

Once the learning objectives are determined, the appropriate material to be presented in the form of an animated video is selected. Scripting is key here;

scripts must combine the delivery of information in a way that is interesting and appropriate to the understanding of elementary school students.

3. Character and Visual Development

The process of creating characters and visuals is an important stage. Here, the characters used in animated videos must be interesting, relevant to the material being presented, and able to relate to students' interests. Visual design must also attract attention and make it easier to understand the concept.

4. Production and Editing

The production process involves creating animations based on prepared scripts. Once all elements are realized, editing is done to ensure suitability, clarity, and cohesion between the narrative, visuals, and learning objectives.

5. Implementation in Learning

The animated video that has been produced is implemented in the learning process. Teachers introduce these videos to students, use appropriate times in the curriculum to show videos, and ensure students are engaged in understanding the content presented.

6. Evaluation and Feedback

After using animated videos in learning, evaluations are carried out to measure students' understanding of the material presented. Feedback from students and teachers will help assess the effectiveness of the animated video and make adjustments if necessary for future presentation of the material.

7. Further Development

Experience from using animated videos is used as material for further development. Analysis of the successes, challenges, and suggestions of using animated videos will help in refining this method to improve student learning in the future.

RESULTS AND DISCUSSION

The use of animated videos in elementary school students' learning has a significant positive impact. The use of this technology has been proven to increase students' understanding of various learning concepts. Through an attractive visual approach and entertaining narrative, animated videos make it easier for students to understand complex concepts.

Study results show that students tend to be more engaged and enthusiastic in learning when animated videos are used. Understanding of subject matter such as mathematics, natural sciences, languages, and others increases significantly. Students respond positively to the use of animated videos because they can clarify difficult concepts and make learning more fun.

Although the use of animated videos has various benefits, there are several challenges that need to be overcome. The development of content relevant to the curriculum, the production of videos that require time and special skills, and the integration of technology in the learning environment are some of the main challenges.

However, the benefits are much greater. Animated videos facilitate thorough understanding of concepts with a fun visual approach. It also helps students with a visual learning style to gain better understanding. In addition, animated videos stimulate student creativity, encourage collaboration, and help hone important technology skills in the digital era.

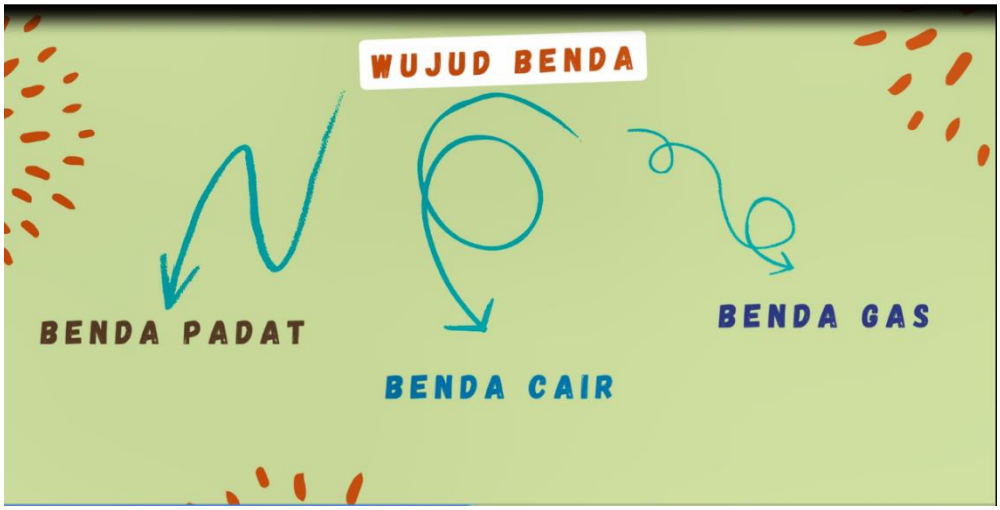
The use of animated videos in elementary school learning not only brings increased understanding of the material, but also opens the door for further exploration. With the development of more innovative content, collaboration between teachers and content creators, and adequate technological support, this learning method has great potential to continue to improve the quality of education for students in the future.

Picture 1. Form and nature of objects

Picture 2. Objects that exist around us

Picture 3. Nature of Things

Picture 4. Form of Objects



Picture 5. Solid Objects

Picture 6. Liquid

Picture 7. Gas Objects

CONCLUSION

The use of animated videos may also increase student interaction with the course material. Animation can help students visualize difficult concepts, facilitate understanding, and improve their memory and overall, animated video-based learning on the form and properties of objects is expected to have a positive impact on the teaching and learning process in elementary schools by increasing students' understanding of basic physics concepts.

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