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UTILIZATION OF TECHNOLOGY AND LEARNING MEDIA TO IMPROVE UNDERSTANDING PPKN FOR STUDENT SCHOOL BASE

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Abstract

Pancasila and Citizenship Education (PPKn) material in elementary schools is a crucial reference for shaping students' character and national awareness from an early age. However, the integrative nature of PPKn material is often perceived as abstract and complex, making it challenging for students to understand. In this digital era, utilizing technology and learning media offers a potential solution to overcome these obstacles. Videos, animations, and educational apps enable students to learn in a more interactive and enjoyable way. This research is a literature review that analyzes various studies related to the use of technology in civics learning. The results show that technology can increase student motivation, engagement, and understanding of civic concepts. However, the effectiveness of technology use depends heavily on teacher readiness, the availability of infrastructure, and a supportive learning environment. Therefore, technology integration not only enriches learning methods but also humanizes the learning process to shape an intelligent, critical, and responsible generation.

Keywords : PPKn, educational technology, elementary school, literature review, learning media, student character

Introduction

Pancasila and Citizenship Education (PPKn) in elementary schools plays a crucial role in shaping character and morals, as well as fostering national and state awareness from an early age. Through this subject, students are expected not only to understand the basic concepts of rights and obligations as citizens, the values of Pancasila, and the norms of social life, but also to instill a love of country, tolerance, justice, and social responsibility, which are the primary foundations for creating a quality future generation. However, in practice, PPKn teaching at the elementary school level often face challenge Which is not simple, especially because the materials taught tend to be abstract, theoretical, and sometimes feel far removed from students' daily lives. This condition causes many students to find it difficult to understand, internalize, and apply the values taught in their real lives. As time goes by, the need for learning methods that are more innovative, creative, and relevant to students' lives is increasingly pressing. The current generation of children grew up amidst the rapid advancement of information and communication technology, so their learning methods have changed significantly compared to previous generations. They are more familiar with digital devices, accustomed to accessing information via the internet, and tend to be more interested on media learning which interactive, visual, as well as pleasant. Therefore, a learning approach that only depend on lecture Conventional methods and textbooks alone are no longer considered adequate to meet students' learning needs in this digital era. In here it is utilization technology and instructional Media based digital become One of the highly anticipated solutions to address various challenges in teaching civics. Technology has become an integral part of everyday life and has even created a new ecosystem in education, enabling the teaching and learning process to be more effective, efficient, and meaningful. The use of technology-based learning media, such as interactive videos, animations, digital simulations, educational applications, and e-learning platforms, has been proven to create a learning atmosphere. Which more exciting, dynamic, and easily accessible to students anytime and anywhere. By visualizing abstract concepts into moving images or videos, students can more

easily understand the meaning of Pancasila values, examples of citizenship practices and their role as citizens. member public.

This matter aligns with Lestari and Pratama's (2020) opinion, which states that engaging and easily accessible media will create a more conducive learning environment and significantly improve student understanding. Furthermore, integrating technology into Civics (PPKn) learning also provides students with the opportunity to learn independently, develop curiosity, and hone critical and creative thinking skills, which are crucial for the future. With existence media digital learning, student no only become object learning, but also an active subject in searching, processing, and presenting information. They can review material as needed, explore topics of interest further, and even collaborate with friends through technology-based group projects. Anshori (2018) emphasized the importance of providing students with opportunities to learn independently through digital media, as this approach not only enriches knowledge but also fosters independence, responsibility, and skills literacy digital which very relevant to the demands of the times. However, the success of utilizing technology in civics learning is heavily influenced by various factors, such as teacher readiness to master technology, the availability of supporting facilities and infrastructure, and a supportive learning environment from both the school and the family. As learning facilitators, teachers are required to continuously improve their digital competencies to design and manage engaging, effective, and student-centered learning. Schools need to provide adequate infrastructure like device computer, internet access, and device soft learning, while parents are expected to provide moral support and learning facilities at home. With the synergy of all party, integration technology in PPKn learning will not only enrich method teaching, but also humanizes the learning process by adapting the learning methods of children who now live in the digital era. Based on this background, this study aims to comprehensively analyze how utilization technology and learning media can improve understanding student to material PPKn in elementary schools. This study also aims to identify supporting factors and obstacles faced in the implementation of technology learning, and formulate strategic recommendations for integration technology in education PPKn can run optimally and provide a real positive impact on the development of students' character and competence as future citizens who are intelligent, critical, and responsible.

Research Methodology

This research uses a qualitative approach with method studies literature conducted systematically and in-depth to examine various relevant and credible data sources related to the use of technology and learning media in teaching Pancasila and Citizenship Education (PPKn) at the elementary school level. The research process began with a comprehensive literature search through various academic databases and digital libraries, such as Google Scholar, national and international journals, and reference books that specifically discuss the integration of technology in PPKn learning, using predetermined keywords such as "learning technology PPKn", "media digital learning", and "interactive learning in elementary schools". Next, literature selection was carried out based on strict inclusion and exclusion criteria, where only sources which published in period five o'clock year final as well as own direct relevance to the research topics included, thus ensuring quality and contemporary data which analyzed. After selection stage, the selected literature is analyzed thematically using techniques analysis content, in where every information, findings, and results research that related to the use of technology and learning media are organized into several main themes, such as the effectiveness of digital learning media in improving student understanding, factors supporting the successful use of technology, obstacles faced by teachers and student, as well as impact technology on student motivation and learning engagement.

The analysis process is carried out repeatedly and in-depth by comparing findings between sources to identify patterns, similarities, and differences that can provide a comprehensive picture of the phenomenon being studied. Besides that, in method this also critical reflection is carried out on the educational context in elementary schools, considering the characteristics of students who are still in the development stage cognitive and emotional that requires approach learning adaptive and pleasant. By because therefore, this research does not only focus on the technical aspects of technology utilization, but also highlights how digital learning media can customized with the learning needs and characteristics of children, so that the PPKn learning process becomes more meaningful and effective. This study also considers the important role of teachers as facilitators who must possess technological competence and adequate facilities and infrastructure to ensure optimal integration of technology into learning. With this systematic and thematic literature study method, the research succeeded in presenting a picture comprehensive about practice best and innovation in the use of technology as a medium for PPKn learning, while identifying challenges that need to be overcome to improve the quality of learning in era digital. Results analysis this is then used to formulate strategic recommendations that can help educators, curriculum developers, and educational policy makers in optimizing the use of technology so that PPKn learning is not only more interesting

and interactive, but also able to shape the character of students who are intelligent, critical, and responsible answer as good citizen.

Result & Discussion

Interactivity of Digital Media in Increase Student Engagement

Wrong one findings main which lifted from various literature is that learning media digital which interactive, such as animated videos, e-learning applications, and simulations digital, capable change The PPKn learning atmosphere, which was originally monotonous and teacher-centered, has become more dynamic, participatory, and student-centered, where students are no longer just passive recipients of information, but can actively answer questions, simulate the application of Pancasila values, and obtain direct feedback from the digital learning system used, so that they feel more involved, motivated, and have control over their own learning process, which in the end impact positive to increasing students' understanding of the PPKn material being taught

Visualizing Abstract Concepts Through Technology

The use of technology in PPKn learning is also very effective in visualizing abstract concepts that have been difficult for school students to understand. base, like values democracy, social justice, and rights and obligations as inhabitant country, in where media visuals such as video animation, picture move, and digital infographics are able to bridge the gap between abstract theories and the realities of students' daily lives, so that they not only understand the concepts theoretically, but are also able to internalize these values in their behavior and attitudes as young citizens, also adding that interesting and easily accessible media will make the learning atmosphere more conducive and significantly increase students' understanding

Flexibility and Inclusivity of Technology-Based Learning

Another advantage of utilizing technology in learning PPKn is the existence of flexibility which very big in the learning process, where students can access learning materials anytime and anywhere according to their individual needs and learning speed, so that they which need more time to understand the material, can repeat the learning independently without must bound on timetable class which rigid, and this opens up opportunities for the creation of more inclusive and equitable learning, because every student can learn in accordance with style and their own abilities. In fact, learning can take place outside the classroom, either at home or in the surrounding environment, so that the learning process is not limited by space and time.

Improvement

Motivation, Engagement, and Creativity

The use of varied, colorful learning media that suits students' interests and learning styles can increase their motivation, involvement, and creativity in the learning process, where student become more enthusiastic and not easily bored when the material is delivered through media which interesting, so that it is also easier for teachers to convey moral messages and national values contained in PPKn. Through tasks based project digital, such as making presentations, short videos, or digital posters about Pancasila values, students are encouraged to think creatively, work the same in group, and hone technological skills that are highly relevant to the demands of the times.

Promoting Independence and 21st Century Skills

In technology-based learning, students are given the space to independently explore information and be creative, producing works such as digital presentations or group projects using digital media besides understanding cognitive, aspect affective and psychomotor also well honed emphasizes the importance of providing room for student for learn in a way independent through media digital, because this approach not only enriches knowledge, but also forms independence, curiosity, and skills use technology future.

Implementation Challenges and the Importance of Support

Environment

While the use of technology in civics learning offers numerous benefits, its success depends heavily on teachers' readiness to master the technology, the availability of adequate facilities and infrastructure, and the support of the learning environment from both the school and the family. Teachers, as learning facilitators, must possess strong digital competencies to effectively design, manage, and evaluate technology-based learning. Schools and parents need to provide the necessary infrastructure and moral support to ensure optimal integration of

technology into civics learning. impact positive which real for the development of students' character and competence as future citizens who are intelligent, critical, and responsible.

Conclusion

Based on the results of the literature analysis and discussion that has been carried out in depth, it can be concluded that the use of technology and learning media in the teaching process Pancasila Education and Citizenship (PPKn) in elementary schools provides impact which very significant and positive impact on improving student understanding, both cognitively, affectively, and psychomotorically. The use of interactive digital learning media, such as animated videos, e-learning applications, digital simulations, and various technology-based learning platforms, has been proven to be effective. change paradigm Learning which was originally conventional and monotonous has become more dynamic, participatory and student-centered, so that students are not just recipients. information in a way passive, but can also be actively involved in the learning process through various interactive activities that encourage them to think critically, creatively, and independently. Technology also plays an important role in visualizing abstract concepts that have been difficult for students to understand, such as democratic values, social justice, rights and obligations as citizens, and norms of social life, so that material that was previously difficult to understand can be felt heavy and far from Everyday life becomes more concrete, easier to understand, and relevant to students' experiences. Furthermore, the flexibility offered by technology-based learning allows students to access materials anytime and anywhere. in accordance with need and each student's learning speed, so that learning becomes more inclusive, fair, and can adapt to the individual characteristics of each student.

Furthermore again, utilization media varied and interesting digital learning can increase students' motivation, involvement, and curiosity in participating in learning. PPKn, in where they no only study for know, but also to understand, appreciate and apply the values taught in life daily. Through digital project-based assignments, students are encouraged to collaborate, think creatively, as well as develop technological skills that are highly relevant to the demands era modern and need 21st century. However, the success of technology integration in learning PPKn The success of PPKn learning depends heavily on the readiness and competence of teachers in mastering and managing digital learning media, the availability of adequate facilities and infrastructure at school and at home, and the support of parents and schools in creating a conducive and supportive learning environment. Therefore, a collaborative effort is needed from various parties, from teachers, schools, parents, and the government, to provide training, infrastructure, and build a strong digital literacy culture so that the use of technology in PPKn learning can be optimal and sustainable. Thus, it can be emphasized that the development and adoption technology in PPKn education not only enriches teaching methods, but also provides a human dimension. in process study, in where students are treated as unique individuals with the potential to develop optimally. Effective technology integration is expected to produce a young generation that is not only intellectually intelligent but also has character, moral, and not quite enough answer social which tall as inhabitant country a good, critical indonesia that is ready to face global challenges in the future.

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