Application of Animation Media for Introducing Diversity Culture in Students' Science Learning Class IV of *SDN Pulau Dua Darat*

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ABSTRACT

Animated media For diversity culture in learning in this modern era become the more important Because can increase enthusiasm Study student as well as provide experience learn more interesting and interactive because that , development of learning media digital based to become a need For increase quality learning . Formulation problem Research , How is the process of implementing animated media ? design made namely learning media Diversity Culture in learning science and science in class IV SDN Pulau Dua Darat, why animation media need to be utilized For introduce diversity culture in learning Diversity Culture in Learning students , How impact Use of Animated Media against Introducing Diversity Culture in Science Learning . Research purposes impact Use of Animated Media against introduction Introducing Diversity Culture in Science Learning . Research methods used in study This is qualitative Descriptive (qualitative descriptive research). Research results Application of animation media in science learning using animation media with allocation time in the teaching module three meetings (3X35 Minutes (9JP)), Appropriate learning media given to student very much influential to activity learning . If in the learning process has utilizing media, it is hoped can Motivate student in learning . Conclusion of Animation media research Need to be utilized For Introducing Diversity Culture in Learning Diversity Culture In Learning Students , At the level education basic , especially at Pulau Dua Darat Elementary School, introduction diversity culture become part important from curriculum . One of the eye relevant lessons For introduce values diversity This is Knowledge Natural and Social Knowledge (IPAS).

Keywords: *Animation Media, Diversity Culture, Science Learning*

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INTRODUCTION

In the world of education , the use of learning media be one of very important aspect in increase quality of learning process. Learning media can interpreted as tool help in form physique or non- physical used by teachers in convey material to participant educate to become more effective and efficient (Perwitasari and Nugraha 2024a) . Various types of learning media can used For support the learning process, one of which is is a digital media such as digital comics and educational videos . video learning and digital comics as a medium that can help participant educate in understand material learning with more good, especially in related materials with diversity culture in Indonesia.use video learning digital animation and comics based diversity Indonesian culture can become effective learning media alternatives For visualize and introduce diversity Indonesian culture to student (Rahma, Fitriani, and Arzaqi 2025) .

Animated media For diversity culture in learning in this modern era become the more important Because can increase enthusiasm Study student as well as provide experience learn more interesting and interactive because that , development of learning media digital based to become a need For increase quality learning , especially in related materials with introduction and understanding to diversity culture in Indonesia. Use of Digital Media in learning can make learning become more meaningful and interesting for student Use of digital media such as digital comics and educational videos can help student in understand material learning with more good and improve enthusiasm Study (Zahroh et al., 2024) .

Instructional Media own a very important role in facilitate the learning process for students. The use of media can overcome diversity characteristics style Study students and make learning become more meaningful . Learning meaningful is a learning process Where student more easy understand and learn , because teachers are able in give convenience for student so that they easy to hook experience or knowledge that has been There is in his mind.

Teachers must also packaging learning media with as interesting as maybe for students can understand material with fast . Learning media can improve and direct attention student so that can cause motivation learning , interaction with environment, and independence learning for student (Halimah et al. 2025) . In the digital era, educators No only must capable using learning media classic but also using learning media in class or as method main learning direct (Nur Afni, I Gede Margunayasa , and I Made Citra Wibawa 2025) Introduction and understanding about diversity culture become component crucial in system education. Multicultural Indonesian society need approach education that values and recognizes diversity culture , with goals In the era of increasing globalization rapid For to form a tolerant and understanding generation differences. Digital media has appear as very effective tool in support education diversity culture. With his ability For reach wide audience and provide interactive content , digital media can play role important in introduce diverse cultures to student .

Use of animation media in learning has increase in a way significant , compelling adoption technology in education. Through videos, games educational, mobile applications , and social media platforms, students can Study about various culture with a better way interesting and profound. Animation media also facilitates interaction cross culture in real-time, which allows student For communicate with Friend same age from various background behind culture.

Education is matter main thing that can made into foothold somebody For develop potential in himself Good in a way intelligence , spiritual, control self , (Zakaria and Harsiwi 2025) . In education Of course there are teachers and students who are the same each other Study For develop potential in himself (Mafithroh and Wulandari 2025a) . Teachers must capable be creative , and invite student think critical, put forward his opinion, and instill a mentality of courage answer, ask, or to bring out opinion (Sari and Isdaryani 2024) , and students can feel learning using a variety of media that are capable of increase motivation learning (Yurida , 2021).

Learning media that can used in this 21st century namely learning media digital -based which is a media with follow the times that are all technology packed in a way interesting and diverse make still interested learn and be motivated For Keep going

Study (Rahma et al. 2025) . Instructional Media useful For increase quality learning for student as well as teachers (Perwitasari & Nugraha , 2024) .

Culture Digital Literacy is very necessary for students Because can support knowledge in control all eye lessons at school . Literacy of course No Can released from language . Someone it is said own ability literacy if He has to obtain ability base speaking , namely reading and writing (Halimah et al. 2025) . In this modern era, digital technology has become part not inseparable from life everyday , including in the world of education (Zahroh et al., 2024) . The rapid progress digital technology demands development culture literacy in the environment school base for student and teachers for create effective and efficient learning. This is in line with the teacher must apply method effective and efficient learning, because along with development of the era of education sued For move in line with progress technology especially with existence revolution Industry 4.0 and Society 5.0 are increasingly make it easier For adapt between progress technology with need man For Keep going learn. Therefore That importance source Power capable human being balance progress technology at the moment This.

Based on the above explanation is important for teachers to develop appropriate learning media with characteristics students and materials learning , especially in eye science lessons. One of them IPAS material that can delivered through learning media is about diversity culture areas in Indonesia.

Based on qualitative data results Interview with the science and science teacher at SDN Pulau Dua Darat for ongoing learning in the classroom Still use method lecture make student fed up with science learning, still lack of student in think creative at the moment learning ongoing and still the decline performance Study students in grade IV of SDN Pulau Dua Darat.

Knowledge Knowledge nature and social (IPAS) is one of the eye lessons at school the basis for discussing about problem social . IPAS is also a eye Frequent lessons considered as learning that is not interesting and brings a feeling of boredom in class . This is make student behave pessimistic finish problem in science lessons that have an impact on results Study students . More carry on (Saniyah et al. 2025) say science learning is considered boring will result in decline results Study students . One of the reason low results Study student that is Still lack of application of the model or method learning in the classroom . Teachers only use method conventional so that classroom learning become monotone . Emphasis science learning is on "Education" rather than "Transfer of Concepts ", where participants educated expected For understand ideas like attitudes , values , morality and skills everyday. IPAS is known with approach integrated , interdisciplinary , multidisciplinary , and even cross-disciplinary For solve problems complex social . The goal of science education is For prepare citizens who can socialize with good and responsible answer Good in life social and physical. According to Jean Piaget's theory, teaching science in schools base requires an integrated strategy that accommodates ability cognitive participant students who have be at the stage operational concrete (Aulia et al., 2024) .

Basically student school very happy basis play , so that a teacher needs create fun and non- stressful learning boring . This is in line with study (Nur Afni et al. 2025) need student school base that is like play . Based on need this is the school teacher base need develop learning that contains elements game . School teacher base must

capable designing existing learning models activity game . With thus a teacher needs implementing appropriate learning models and media need student .

Based on qualitative data results observation researcher specifically student class IV sub-district Sombori Islands , Morowali , students Lots experience difficulties and feeling bored in accept Science lessons . Science lesson materials include discussion of a nature widespread and teachers often use method how to in convey lesson , learning model scientific is also used However limited implementation method his learning . This is impact on performance Study students , average report card IPAS score Grade IV SD even semester year The academic year 2024/2025 of SDN Pulau Dua Darat is 73.11. Introducing Culture in grade IV is very important because in phase These are the children in the phase developing in phase These are the children can understand symbols, traditions and meanings Culture in a way more deep and guiding children in form good character , such as mutual cooperation , politeness polite and work hard . With understand culture yourself and other people's children Study about difference So, culture local can still life

METHOD

Types of methods research used in study This is qualitative Descriptive (qualitative descriptive research). Research methods is method scientific For get data with purpose and use certain . Sugiyono (2019) method study influenced by the form of data collected , the way analyze , how to interpret in accordance with objective research . Research qualitative done with approach phenomenology . Research phenomenology that is type study qualitative seeing and hearing more close and detailed individual explanation and understanding of his experiences . Research phenomenology own objective that is use interpret as well as explain the experiences experienced somebody in life this , including experience moment interaction with other people and the environment around . In the context of study qualitative , presence a phenomenon can interpreted as something that exists and appears in awareness researcher with use method as well as explanation certain how to process something become seen clear and real . In the research phenomenology more prioritizing on finding , studying and conveying the meaning of phenomena , events that occur and their relationships with ordinary people in situation certain . Research qualitative including in study qualitative pure Because in its implementation based on effort understand as well as describe characteristics characteristics intrinsic from phenomena that occur in oneself Alone .

FINDING

Create creative , innovative learning can done past use interesting learning media For students . Learning media is also needed For make draft abstract become more concrete . Learning media is tools used by teachers to convey material in frame maximize learning . Every tool or materials that allow somebody accept knowledge , skills , attitudes called learning media .

Use of learning media as support learning will help teachers use convey material as well as upgrade interest Study students . Use of learning media will succeed with Good If student use all five senses . Use of technology in learning can done through media use . Useful learning media technology is one of them is an animated video

learning medium . Animated videos moment This is a very effective media used moment learning . Animated video media is an effective media used compared to with other media , because animated videos own Power pull Alone for student as well as make it easier for teachers when explain material learning . In the animated video , the material learning delivered through visualization dynamic so that matter This can avoid the occurrence excessive verbalization in the learning process . Use of animation media in learning functioning For interesting attention student in Study so that can give better understanding fast.

Application of animation media in science learning using animation media with allocation time in the teaching module three meetings (3X35 Minutes (9JP)), Appropriate learning media given to student very much influential to activity learning . If in the learning process has utilizing media, it is hoped can Motivate student in learning. In improving activity a students , especially formerly must create pleasure in learn, where in create pleasure student that is with using animation media in learning . The existence of a package animation turned out to be very effective in support system learning in dig content of scientific information knowledge and technology in a way deep.

Based on description the explanation above , and what happened with condition Now in the learning process , especially in learning Knowledge Natural and Social Sciences (IPAS), where Insufficient use of learning media interactive can cause lack of motivation in learn . So from that , as a teacher in processing the learning process allowed using interactive learning media so that can increase motivation student in Study.

Compliance between animated video media with materials and characteristics student will make it easier student in absorb the information conveyed . Animated video allows teachers to visualize complex concept become more pictures simple and easy understood by students . Diversity Local culture and wisdom enable teachers to describe ideas and concepts with a more visual and attractive way attention students . The importance of conformity between media materials and competencies basis , indicators, and objective learning in animated video development No Can ignored . Competence base is the ability that must be mastered by students after follow the learning process . In the implementation learning , competence base become important reference For determine how far and how much deep material that must be delivered by the teacher to students , remembering limitations ability brain in process information.

Activities physical form student active active with body parts , make something, play and work . Students who have activity psychic (mental) if Power his soul Work as much as possible or Lots functioning in frame learning . learning it is said successful and quality if at least part big participant educate involved in a way active , good physical , mental and social in the learning process , besides show excitement Study high , spirit Study big , and self - confidence yourself . Based on description above has mentioned that one of indicator from success of the learning process that is enthusiastic or diversity culture students . In case This teacher's efforts to explain to student about peace culture students are very important , because different cultures student become determinant for success learning bad chapter 7 material diversity culture and religion local implemented.

DISCUSSION

Diversity culture is one of riches the Indonesian nation must introduced since early to generation young . Subject Knowledge Knowledge nature and social sciences (IPAS) in class IV SDN Pulau Dua Darat has role important in introduce diversity the to students . However , the approach conventional often lacking interesting interest students . Therefore that , innovation in learning media required For increase interest and understanding students . Digital literacy is one of need important in the 21st century that must be mastered society , especially teachers, to improve processes and results learning . One of the method For reach This is with increase teacher's ability with make media fit with features and requirements participant educate digital based . Increasingly many teachers have more digital literacy high , the more big possibility they For create quality learning tall (Cahya and Gunansyah 2024) .

Based on results study Use technology in learning can done through media use. Useful learning media technology is one of them is an animated video learning medium. Animated videos moment This is a very effective media used moment learning. Animated video media is an effective media used compared to with other media, because animated videos own Power pull Alone for student as well as make it easier for teachers when explain material learning . In the animated video , the material learning delivered through visualization dynamic so that matter This can avoid the occurrence excessive verbalization in the learning process . Use of animation media in learning functioning For interesting attention student in Study so that can give better understanding fast . Findings study previously also stated that animated video proven influential on the process and results Study students . Findings study others also stated that animated video can make it easier student in Study so that can increase learning student (Margaret and Dian Kristi, Andri Wicaksono , and Deri Ciciria 2024) .

Research result This show that animated video media powtoon developed worthy used as a learning medium . Use of animated video media in learning own benefit in make it easier understanding and strengthening memory students . In the animated video learning , materials delivered through Images color , text , sound , and animation combined in One unity . This is give Power pull to student For Study through presentation audio visual materials . Animated videos learning that has been developed own potential For used in a way effective in the learning process , because can help student in understand The material taught . Animated video content This in accordance with competence basis , indicators , and objectives learning . In addition , animated video media this is also appropriate with characteristics student school basic and capable easy understood by them . Conformity between animated video media with materials and characteristics student will make it easier student in absorb the information conveyed (Angraini , Fauzi, and Sobri 2024) .

Animated video allows teachers to visualize complex concept become more pictures simple and easy understood by students . Powtoon allows teachers to describe ideas and concepts with a more visual and attractive way attention students . The importance of conformity between media materials and competencies basis , indicators , and objective learning (Maulidya and Gunansyah 2024) .

Animated video No Can ignored . Competence base is the ability that must be mastered by students after follow the learning process . In the implementation learning , competence base become important reference For determine how far and how much deep material that must be delivered by the teacher to students , remembering limitations ability brain in processing information. Learning videos own contribution in increase results Study students and facilitate the teaching process for teachers. Using video as a learning medium give effective approach with use appropriate context in material learning , which has implications for the delivery of effective and enhancing materials Spirit student in the learning process . Learning videos can also serve element color , sound , movement , and coherent explanations , as well as combining other media such as slides, photos , and images For increase motivation students and create variation in learning , at the same time arouse curiosity know student (Mafithroh & Wulandari, 2025) .

Development knowledge knowledge and technology moment This has bring great influence in field education . Influence development the seen clear in efforts update system education and learning . One of example Updates with utilise development technology in the field education is learning multimedia . Learning multimedia capable developing teaching and learning processes to more direction interesting . Concepts abstract learning depicted in a way concrete with visual display (Hakimah & Gunansyah, 2024) .

In the implementation of the learning process on the material Know Diversity National Culture in IPS material in the curriculum independent Study No There is difference with old curriculum , materials This from Formerly own Lots level difficulty in teach it , namely with must be supported by images that can be represent delivery material . Tribes nation the Of course just own characteristics each characteristic is reflected from use Language area , clothing customs , house customs , weapons traditional , a culture that is certain just different between One ethnic group with other tribes . With the amount ethnic group nation the will make public specifically children feel difficulty For recognize culture each ethnic group (Zahroh et al., nd 2024) .

CONCLUSION

The Process of Applying Design Animation Media Created in Learning Media Diversity Culture in Social Science Learning in Class IV SDN Pulau Dua Darat, useful learning media technology is one of them is an animated video learning medium . Animated videos moment This is a very effective media used moment learning . Animation Media Need to be utilized For Introducing Diversity Culture in Learning Diversity Culture In Learning Students , At the level education basic , especially at Pulau Dua Darat Elementary School, introduction diversity culture become part important from curriculum . One of the eye relevant lessons For introduce values diversity This is Knowledge Natural and Social Sciences (IPAS). Impact Use of Animation Media Against Introducing Diversity Culture in Science Learning , animation media For introduce culture must more interesting and easy understood by children . For example , animation Can display funny characters and exciting stories , so We Can more interested For learning . In addition , animation must show more Lots about food typical , clothing traditional , and places historical that exists in various area .

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