



Plagiarism Checker X Originality Report

Similarity Found: 14%

Date: Thursday, June 11, 2020

Statistics: 276 words Plagiarized / 1954 Total words

Remarks: Low Plagiarism Detected - Your Document needs Optional Improvement.

Journal of Physics: Conference Series PAPER • OPEN ACCESS Training on Contextual Based Thematic Learning media development for Elementary School Teachers in Sigi Regency, Central Sulawesi To cite this article: Misnah et al 2020 J. Phys.: Conf. Ser. 1477 042007 View the article online for updates and enhancements. This content was downloaded from IP address 36.85.240.195 on 07/05/2020 at 10:03

Training on Contextual Based Thematic Learning media development for Elementary School Teachers in Sigi Regency, Central Sulawesi Misnah^{1*}, Mahfud M.

Gamar¹, Mutawakkil¹, Hamlan Andi Baso Malla², and Herlina¹ 1 Faculty of Teacher Training and Education, Tadulako University 2 Institute State Islamic(IAIN), Palu Misnah@untad.ac.id Abstract. Image culture based on local culture is an innovation in the world of education with the use of contextual learning media based on local culture as a source of learning. The purpose of this study was to improve skills teachers in designing image media as a source of learning for elementary school teachers in Sigi District who had implemented the 2013 curriculum.

The research method applied was Classroom Action Research (CAR) which referred to Kemmis Mctaggart consisting of two cycles and every silkus consists of four stages, namely 1) planning, 2) implementation, 3) observation and 4) reflection. Data collection techniques use analysis Qualitative Observation, interviews, documentation. The results of this study indicate that the application of image media based on local culture as a source of learning in elementary schools can be useful for teachers and in implementing provides an overview of how to implement image media integration as a source of learning local wisdom in SD Sigi Regency, Central Sulawesi so as to carry out active and enjoyable learning which can improve student learning outcomes.

Introduction The current millennial era is so swift in the development of globalization that demands the importance of improving the quality of education in the future. Education has an important position in the continuation of a quality nation. Responding to policies, the development of education which refers to Law Number 20 Year 2003 concerning the National Education System functions to develop the ability, character, and dignified nation of the nation to educate the nation's life [1]. The main component in education is the learning process and the spearhead is the teacher.

According to Kristiawan teachers in carrying out their duties to face the era of globalization the need to increase professional competence in carrying out innovative learning, mastering information and communication technology. Developments in the world of education today must be supported by the ability of teachers who are able to design learning that is fun for students [2]. According to Mujiarto, traditional teaching methods are currently largely abandoned by Content from this work may be used under the terms of the Creative Commons Attribution 3.0 licence.

Any further distribution of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOI. Published under licence by IOP Publishing Ltd

teachers, by designing learning packaging connecting IT technology in the form of multimedia animation to create innovative learning and improve better learning outcomes for students [3]. Government Regulation Number 19 Year 2005 Article 19 paragraph 1 concerning National Education Standards explains that the learning process must be carried out interactively, inspiratively, fun, challenging, and motivating students [4].

In order to achieve the goal of national education to produce quality education, one of the efforts to be made is the importance of developing teacher skills in designing learning that is in line with current developments in globalization [5]. Misnah explains that local wisdom is one of the contextual (local) learning resources that can be used as contextual (local) based learning resources which are ancestral heritage which need to be introduced through innovative, thematic and contextual learning.

Based on the results of observations in 6 (six) elementary schools in the Regency of Sigi found data that is still very low understanding of teachers in designing contextual learning, current, and still relying on traditional methods, namely lectures. The teacher does not yet have the knowledge of how to design material packaging so that it becomes material that is able to follow the development of globalization that is developed in the form of contextual learning media based on the local culture in the environment of students. Thus, through this research, it is very urgent for School teachers to develop competence through the training of contextual thematic learning media development for elementary school teachers in Sigi Regency, Central Sulawesi.

Method This research design uses research with a qualitative approach by applying [6]. Classroom Action Research (PTK) research methods, this research aims to improve teacher competence in designing the development of thematic contextual learning media in elementary schools in the district of Sigi province Central Sulawesi. The CAR activity was carried out at the time of the training activity which was held 1 week in 1 meeting held by elementary school teachers through the Sigi district KKG activities.

In the PTK cycle activities carried out for 2 meetings using the Kemmis and Mc Taggart cycle models (2001) adapted from Wiriaatmadja which consists of 4 components, namely Planning, action, action implementation, observation and reflection [7]. Result and Discussion Development of cultural-based contextual thematic material 'Utilization of Clean Air for Health' as Learning Media Development of learning materials that will be designed into innovative learning media requires the ability of teachers to plan learning that is designing learning materials that will be integrated learning processes that will produce new values for students towards quality education.

According to Muhaimin one of the innovations that must be carried out in the context of learning is that the teacher must be able to design, transfer to students for studies that are very rich with various kinds of environmental problems that will be interesting, current issues that will identify innovation for the learning process that will be designed by the teacher in the classroom [8]. **The development of teacher competencies** in designing learning that will produce enjoyable learning is a key element in the learning process.

Explains that utilizing the surrounding environment **as a source of learning** will produce effective and enjoyable learning [9]. The same statement according to Umar (UM) as one of the teachers at Pombewe Elementary School in Sigi Regency is the importance of developing teacher insights in developing contextual thematic-based learning media according to regions that will produce an attitude of loving the region, having pride in the regional culture. The success of the teaching and learning process is largely determined by the ability to design the process.

To improve the quality of teacher understanding in designing instructional media in Sigi Regency Elementary School, the effort taken is through training activities to trace and record the content development material described in Basic

Competencies in PPKn and Indonesian Language subjects with the topic " about clean air for Health " In this description the teacher develops contextual thematic material that is designed to be a learning medium that will be integrated in the fifth grade thematic learning semester 1. Utilization of material development for learning media design about land burning phenomena in the form of forest fires that will disrupt human health and the environment around it.

Fraser Through studies of the phenomenon of society that examines the local environment is an academic atmosphere that produces learning that is empathetic, full of warmth and students are able to express according to their potential abilities [10]. Discussion Development of Thematic **Learning Media Based on** Thematic Contextual For Elementary School Teachers. **Based on the results of** the training conducted at **elementary school teachers in Sigi** district, the teacher's pedagogical skills in designing media contextual learning media were improved.

Research conducted by Mirawati outlines to produce a good learning process, the importance of conducting teacher competency development programs that refer to pedagogical, personal, social and professionalism competencies for managing learning, namely workshops to enhance learning [11]. Based on training conducted in Sigi Regency **for Elementary School Teachers** through training programs to improve teacher competence in designing instructional media development using <https://www.vianesa.com> Application of the Kinemaster application [12].

which is a professional video editing application developed by using an android application that utilizes IT by collaborating with the teacher developing contextual material then designed using the Kinemaster android application, so as to produce contextual and innovative learning. For more details, we can listen through the picture as follows: Data Source: <https://www.vianesa.com> Figure 1. Practices for making contextual media

// Figure 2. Media Development Using Applications Figure 3. Graphic Cycles of Teacher's Ability to Design Learning Media Description of cycle 1 (one) in the first training meeting of teachers in elementary schools in Sigi Regency do not have the understanding, skills regarding contextual material in accordance with regions or regions (local) and do not yet have the ability to design youtube-based learning media by utilizing IT, then at this stage the instructor gives a general description of the material about the content of teaching materials and how to design these teaching materials into innovative media. In Cycle 2.

(two) in this stage the instructor or research lecturer teaches how to develop material content that is developing material in a thematic context that is identifying current phenomena, namely: Forest fires in Indonesia, Sulawesi and Central Sulawesi, what are the impacts of fires forests and what is being done so that problems with air pollution can be resolved with solutions to raise regional cultural issues, namely Nositulunggi (a culture of mutual assistance). Continuing to teach design, apply animation media through science and technology design using animated images, video and audio-visual designs designed through the use of kinemaster programs designed in the model to develop teaching materials that are made into contextual thematic

learning media and then to practice making media.

The last step is to reflect on the training carried out and based on the results of reflection that an increase in the competence of teachers' understanding and skills in designing contextual based learning media. Conclusion Through teacher competency development training activities in elementary schools in Central Sulawesi Sigi Regency can develop the abilities and skills of teachers in developing teaching materials and designed to become innovative and creative learning media and this is an effort made by teachers to create an innovative development of learning so as to produce learning interestingly, the present that prepares young people through learning as young people who have a love of local culture.

References Indonesia, Law Number 20 of 2003 concerning the National Education System, 2003. Kristiawan. M, et al. Improvement of Teacher Professionalism through Learning Innovation. *Iqra Journal: Educational Studies* Volume 3, issue 2. December 2018, pp.378, 2018. Mujiarto, et al. Application of Multimedia Animation Engineering drawing (MMAED) for Vocational High School Students. (Journal of Physics Conference Series) P. 1. 2019. Minister of National Education Regulation No. 23/2006 about Competency Standards for Graduates for Primary and Secondary Education Units, 2006. Misnah. Philosophy of Hituwu and Katuwua as Learning Sources in Social Science Teaching Subject among Kulawi Indigenous People. pp. 54-54.

(Advances in Social Science, Education and Humanities). Research, Volume 174 / Doi: 10.2991 / ice-17.2018.14) Minister of Education and Culture. 2018. Wiriaatmadja, R. Classroom Action Research Methods. Bandung: PT Remaja Rosdakarya. 2010 Kemmis S and Taggard, R. The Action Research Planner, Deakin University, Victoria, Australia, 2001. Muhaimin. Implementation of the Critical Pedagogical Approach. Rosda work. P. 131. 2016. Furqon, Ethno Pedagogy the Proceeding of International Seminar on Ethno Pedagogy. FKIP Unlam Press. P. 10. 2015. Fraser, B.J. Twenty Thousand Hours: Editors Introduction. P. 1.

2001 Mirawati, Learning Environments Research Enhancing Early Childhood Teacher's Capacity in Managing Learning for Early Childhood. Journal of ABDIMAS UMTAS: LPPM. University of Muhammadiyah Tasikmalaya, Volume 2, Number: 1 E.ISSN: 2614-8544, p. 91. 2019 <https://www.vianesa.com>

INTERNET SOURCES:

4% - <https://iopscience.iop.org/issue/1742-6596/1477/4>

6% - <https://iopscience.iop.org/article/10.1088/1742-6596/1477/4/042007>

<1% - <http://iopscience.iop.org/volume/1757-899X/180>

<1% - <https://teaching.unsw.edu.au/understanding-learning-processes>

<1% -
https://www.researchgate.net/publication/220588562_Knowledge_Economy_in_India_Challenges_and_Opportunities

1% -
https://www.researchgate.net/publication/335494723_Application_of_Multimedia_Animation_Engineering_Drawing_MMAED_for_Vocational_High_School_Students

2% - <https://iopscience.iop.org/article/10.1088/1742-6596/1188/1/012025/pdf>

<1% - <http://msceis.conference.upi.edu/kfz/pages/abstracts1.php>

<1% - <http://tvvet.conference.upi.edu/2016/pages/abstracts1.php>

<1% - <http://gc-tale2017.undiksha.ac.id/kfz/pages/abstracts1.php>

<1% -
https://www.researchgate.net/publication/330677227_Teaching_materials_for_ESL_distance_learning

<1% - https://mafiadoc.com/proceeding-1_597f02671723dd6ae3e072bd.html

<1% -
<http://www.energyenhancement.org/TELEPATHY-THROUGH-MEDITATION-YOGA-SUTRAS-OF-PATANJALI-BOOK-FOUR-SUTRA-23-DHARMA-MEGA-SAMADHI-KAIVALYA-AND-ILLUMINATION-STEALING-YOUR-SPIRITUAL-ENERGY-VAMPIRE.htm>