

Developing Social Science- History's Comics- Based Learning Media For The Fifth Grade Of Primary School In Pekanbaru City

by Musnar Indra Daulay

Submission date: 03-Sep-2022 12:23AM (UTC-0400)

Submission ID: 1891749476

File name: 8-24-1-PB.pdf (732.73K)

Word count: 4536

Character count: 24350



Developing Social Science-History's Comics- Based Learning Media for the Fifth Grade of Primary School in Pekanbaru City

Musnar Indra Daulay*

Universitas Pahlawan, Riau - Indonesia

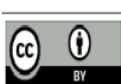
*Corresponding author, e-mail: musnarindra@yahoo.co.id

Abstract

The purpose of this study was, therefore, to describe the processes and the results of developing the comic-based learning media on the subjects of Social Science-History for the fifth grade of primary school in Pekanbaru City. Research and Development (R&D) and Instructional Systems Design (ISD) of ADDIE was used to develop the media. Validity, practicality, and effectiveness tests were used to qualify the developed product. The developed comic-based learning media was stated "valid" by two media experts (63.33% and 90.83% respectively); by two material experts (77.92% and 96.67% respectively); whilst media validation was 83.33% and materials' validation was 93.75%. The results of One-to One, Small Group and Field Trials were 88,54%, 93,23%, and 92,20% respectively. In conclusion, the research findings indicated that the developed comic-based learning media were stated valid and can be used in the intended context for the Fifth Grade of Primary Schools in Pekanbaru City.

Keywords: Social Science-History, Comic, R&D.

How to Cite: Daulay, M. I. (2017). Developing Social Science-History's Comics- Based Learning Media for the Fifth Grade of Primary School in Pekanbaru City. *International Journal of Research in Counseling and Education*, 1(1), 15–21. <https://doi.org/10.24036/008za0002>



This is an open access article distributed under the Creative Commons 4.0 Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited. ©2017 by author and Universitas Negeri Padang.

Introduction

Education is an important mission of the state in developing its nation (Budiningsih, 2005: 1). Nationally, education is defined as a conscious and planned effort to create an atmosphere of learning and learning process so that students can actively develop their potential to have spiritual power, self-control, personality, intelligence, noble character, and skills needed by him/her and the State (UU Sisdiknas No. 20/2003). Furthermore, Ali Moertopo in Widja (1989: 7) argues more specifically that education has a central idea, namely, the effort to develop human resources so that people can build themselves together with others in naturally civilizing and building up their community.

Varieties of kinds of subjects are given in schools and one of them is History. The purpose of studying this subject, History, is to satisfy the curiosity of past events, to know the description of the event, to know why it happened and how the end of the event, and the implications or impact of the event on other spheres of life (Tamburaka 1999: 5). This is in harmony with what is the goal of national education. That is, education and history is a unity, if national education is a way to realize the national ideals, then history is the foundation that strengthens the way in realizing the national ideals. Therefore, then history is one of the subjects that need to get attention from all parties, especially experts and observers of education problems.

The understanding of history should be possessed by every person from an early age in order to know and understand the meaning of past events that can be used as a foundation of attitude in facing the reality in the present and determine the future. This means that History needs to be learned early on by every individual both formally and informally. The individual's relationship with society or nation requires the establishment of awareness of the importance of history to the problems of common life such as nationalism, unity, solidarity and national integrity. The realization of the ideals of a society or a nation is determined by the next generation who are able to understand the history of his/her society or nation.

As the impact of the implementation of the Integrated IPS on the basic education (SD and SMP), History is one part of the integration of IPS, in addition to other subjects such as Geography, Sociology and Economics. Unfortunately, until now the format and curriculum used still continue to experience improvements so that this one subject is still shaded by various problems. This is caused by many schools that implement IPS learning separately and of course this is not an easy matter when historical material should be taught integrated with other IPS materials, especially if the teacher's mindset so far still follows the old pattern that teaches IPS materials partially rather than integratively.

Based on interviews and observations that have been done on some students in class V SDN 097 Pekanbaru, the results obtained that sometimes they feel bored and can not capture the material being explained by the teacher. Teachers only introduce the name of the hero without telling the event in detail, so that learners tend to quickly forget the material that has been taught. The same thing was put forward by Elizarti, S.Pd grade V teacher who said that "Teachers rarely make their own learning media, it is because teachers are difficult to effectively and efficiently make media". These findings represent a portrait of learning atmosphere that occurs in almost all elementary schools in Pekanbaru city, which has an impact on the low interest and student learning outcomes.

Therefore, teachers should pay more attention to the implementation of learning history. The quality of the learning process needs to be improved so that the learning objectives can be achieved effectively and efficiently. Teachers need to strive for material to be conveyed and character values can be internalized in learning. Students need to be encouraged to give appreciation to events that occur in history, in this case, the media used to be one important factor in determining the success of achieving learning objectives. This is because the principle of good learning is if the learning process is able to develop the concept of generalization, and abstract material can be a clear and real thing, in this condition learning media have a contribution in improving student activity and motivation in learning. The media is certainly a medium that can stimulate the interest of students to learn and already known by the students.

To date, many media have been developed to facilitate the delivery of material by the teacher to the learners on historical material, such as audio-visual media or video and media images of heroes. However, sometimes the use of such media has both obstacles and weaknesses. Video media requires electronic equipment and electricity in its use, but it also requires special skills that teachers must have to be able to operate it. While the hero image media cannot deliver the historical message optimally. Based on this, the comic is an appropriate alternative to be used as a medium of learning history. The factors behind the researchers to conduct research entitled "developing social science-history's comics-based learning media for the Fifth Grade of Primary School in Pekanbaru city.

Method

The research method used in this research was Research and Development (R & D). The use of this method is to assist the researchers to develop social science-history's comics-based learning media for the Fifth Grade of Primary School in Pekanbaru city. This is in accordance with the opinion of Borg and Gall (1988) which states that research and development (research and development) is a research method used to develop or validate the products used in education and learning. The author seeks to develop a learning medium. For that, validation of the media is required. Furthermore, the procedures in this development research apply the ADDIE procedure. This model consists of five main stages, namely, Analysis, Design, Development, Implementation, and Evaluation or shortened ADDIE (Personal, 2011: 125).

The product of this media was validated by the experts. There were two experts who validated it, the media experts and material experts. The level of media validity is known through the results of the analysis of experimental activities carried out through two stages: (1) Expert test of learning media and subject matter experts. This activity is carried out to review the initial product and provide input for improvement; and (2) Questionnaire response student. This activity is conducted to find out how much children enjoy learning with comic media. In this development research, the subject of the quality assessment of comic media on learning IPS History class IV primary school consists of three media experts and materials experts. Comic media products that have passed the revision stage, tested in class V SDN 097 Pekanbaru. The author delivered the learning materials while applying the comic media in the learning process.

The instrument used was a questionnaire used to get an expert's assessment of the quality of the comic media. The quality of learning media is reviewed from several aspects, namely material suitability, media visualization, conformity with the principles of media development, feasibility and presentation of competencies. These aspects are interpreted into indicators and the researcher continued further development. The researcher developed a questionnaire of research using seven questionnaires in data collection, which is a media expert questionnaire, a material expert questionnaire, a media expert questionnaire from a teacher, a teacher's expert questionnaire, a four-student test questionnaire, a questionnaire of 8 students, and a student response class V.

Data analysis is done to see the value of each aspect or descriptor in the questionnaire. Data were obtained from questionnaires given to media experts, material experts, and student responses. The collected data is analyzed by calculating the average score obtained. Score analysis used is descriptive analysis. The data obtained are quantitative and qualitative. Quantitative data are numbers obtained from a questionnaire of product development assessment and student response questionnaires that are arranged on a Likert scale (graded scale) and Guttman scale. Qualitative data in the form of responses, criticisms and suggestions set forth in the questionnaire. The resulting data relates to the suitability or suitability of the mining product made.

Results and Discussion

Results

1. Analysis

The analysis in this study was conducted on the analysis of potential, problem, literature review, competence, instructional objectives, materials and development of learners. From the results of the analysis obtained the following data:

- a) The analysis of potential, almost all elementary school children like to read comics as a means of entertainment. Children will more easily remember the characters from the comics they see. Empirically students tend to like picture books, colourful and visualized in both realistic and cartoon forms. For example, in Japan, in this country, the comic is no longer a foreign object used as a medium of learning. In fact, some school books in Japan are published in comic form. In fact, the comic became a very effective learning media and very interested students with pictures and how to speak straightforward.
- b) The problem/needs analysis is done by interviewing the speakers namely, Elizarti.S.Pd, the fifth classroom teacher SDN 097 Pekanbaru about the use of learning media. The results of interviews indicated that the teachers rarely make their own learning media, it is because teachers are difficult to make learning media effectively and efficiently.
- c) The analysis of literature review, based on the potential and existing problems researchers try to find a solution. The solution is based on the literature review conducted by the researcher. Furthermore, based on the potential and the problem, the researchers developed a comic learning media. The development refers to the expert opinion of Sudjana and Rivai who convey that the learning media can improve student learning outcomes.
- d) The analysis of SK-KD, researchers analyze the existing competence in the object material that will be developed through the scope of learning and SK-KD.
- e) The instructional analysis, instructional analysis in media development is done by describing and developing core competencies and basic competencies into the indicators that must be achieved.
- f) The analysis of the characteristics of students, Piaget's theory of child development ability delivered that there are stages of development of children's ability in learning. According to him, elementary school children (8-11 years old) are still in concrete operation phase, so children need concrete objects to translate the concept they have. The use of media in learning in this period is very important because at this time students are still thinking concretely, have not been able to think abstract. The media will help the message delivered by the teacher to be more easily accepted by students.

2. Design

In the design stage, the design concepts of the comic media consist of seven steps: 1) story ideas, 2) determining the character, 3) determining the theme, 4) arranging the setting, 5) arranging the story frame, 6) linking the material with the story, and 7) construct a story frame.

3. Develop

a. The develop stage's steps

The steps taken in the development and production process consists of several stages as follows:

- 1) Drawing and defining the main character in the comic,
- 2) Make the entire comic book according to the story frame using HVS and pen instrument medium, to proceed with the coloring process,
- 3) Incorporate conversation in comic story
- 4) Printing comics,
- 5) Sharing the comic to the students, it is enabled to make it easier for everyone to read and study the comics.

b. Assessment of Development

Assessment is done by way of validating media and materials, from the assessment results obtained data as follows:

28
Table 1 Results of First Media Expert Validation

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Indicators of Material conformity	13	Enough	65,00%
2.	Media Visualization	24	Enough	60,00%
3.	Conformity with the principles of media development	26	Enough	65,00%

Table 2 Results of Second Media Validation

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Indicators of Material conformity	18	Very good	90,00%
2.	Media Visualization	37	Very good	92,50%
3.	Conformity with the principles of media development	36	Very good	90,00%

Table 3 Results of First Expert Validation of Materials

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Indikator kesesuaian	9	Enough	60,00%
2.	Indikator kelayakan	15	Good	75,00%
3.	Indikator Penyajian	9	Very good	90,00%
4.	Indikator Kompetensi	26	Very good	86,67%

Table 4 Results of Second Material Expert Validation

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Indicators of conformity	15	Very good	100,00%
2.	Feasibility indicator	18	Very good	90,00%
3.	Presentation Indicator	10	Very good	100,00%
4.	Competency indicators	29	Very good	96,67%

29
Table 5 Results of Media Master Expert Validation

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Material conformity indicators	17	Very good	85,00%
2.	Media Visualization	32	Good	80,00%
3.	Conformity with the principles of media development	34	Very good	85,00%

Table 6 Expert Results of Master Material Expert

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Indicators of conformity	14	Very good	93,33%
2.	Feasibility indicator	19	Very good	95,00%
3.	Presentation Indicator	9	Very good	90,00%
4.	Competency indicators	29	Very good	96,67%

4. Implementation

After the comic media declared feasible as a medium of learning. The next step is to apply the media. Implementation is done in three stages, namely small group 4 students, group of 8 students, and application in class V SDN 097 Pekanbaru. Based on the application of comic media, the students further give assessment or response to comic media that received. The student's assessment or response is done by a questionnaire (yes-no) tailored to what the student perceived after doing the learning using the media. The following is a student response to the results of the experiment:

Table 7 Results of Trial: 4 Students

No	Aspect of Assessment	Mean score	Category	Percentage
1.	Ease of Understanding	3	Very good	100,00%
2.	Learning Independence	1,5	Very good	87,50%

3.	Activity in Learning	3,25	Very good	87,50%
4.	Interest in comics	2,25	Good	75,00%
5.	Comic presentation	3,5	Very good	87,50%
6.	The use of comics	3,75	Very good	93,75%

Table 8 Results of Trial: 8 Students

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Ease of Understanding	3	Very good	100,00%
2.	Learning Independence	1,75	Very good	87,50%
3.	Activity in Learning	3,62	Very good	90,63%
4.	Interest in comics	2,62	Very good	87,50%
5.	Comic presentation	4	Very good	100,00%
6.	The use of comics	3,75	Very good	93,75%

Table 9 Results of Trial by Student Class V SDN 097 Pekanbaru

No.	Aspect of Assessment	Mean score	Category	Percentage
1.	Ease of Understanding	2,85	Very good	95,10%
2.	Learning Independence	1,79	Very good	89,71%
3.	Activity in Learning	3,7	Very good	92,65%
4.	Interest in comics	2,82	Very good	94,12%
5.	Comic presentation	3,59	Very good	89,71%
6.	The use of comics	3,68	Very good	91,91%

5. Evaluation

Evaluation is used to improve the product, the evaluation is based on the overall suggestion from the media and material experts, as well as the result of the student's response. Furthermore, the comic media is declared excellent to be a learning medium, so that no suggestion of media improvement is obtained.

B. Discussion

The developed media in this research is comic media, this media is developed based on research and development or research and development (R & D) step with the model of DDIE. (analysis, design, development, implementation, evaluation). Comic media developed based on the analysis of conformity with the subjects. Furthermore, based on the standard competence and basic competence. And analyzed in accordance with indicators developed from the basic competencies of each subject. used researchers to design the design of comics.

In the development, the media needs to be validated by the experts before it is tested to try to find out its feasibility. The validator consists of the instructional media experts and the material experts. Based on the assessment results by media experts and material experts carried out improvements on media developed. Once the media is validated and the media declared eligible to use in the learning process. Then the comic media was piloted in the elementary school to see the response of the students. This test was conducted in SDN 097 Pekanbaru. Pengujian conducted from small group test 4 students, followed by 8 students and one class test. Validation results with media experts, obtained data as follows: (1) In the validation I level of comic media idealization is 63.33%. Therefore a second revision and validation are performed, and (2) on validation II the revised level of media comics has reached 90.83%. So the comic media is feasible to use.

Expert material validation results, obtained data as follows: (1) on the validation of I level of comic media idealization is 77.92%. Therefore a second revision and validation are performed, and (2) on validation II the revised media idealization rate reached 96.67%. So that comic Integrative media is feasible to use. While the results of the validation of media experts from teachers obtained data where the level of idealization of comic media is 83.33%. While the results of material validation from teachers obtained data where the level of the ideality of comic media is 93.75%.

The result of media comic experiment, done gradually from small group of 4 students, 8 students to student 1 class. From the result of student response obtained by quantitative data. The product tested to try to 4 students obtained the result of the average score of student's response equal to 88,54%. The product was tested to 8 students obtained the result of the average score of student's response is 93,23%. While the product tested to try to 34 students grade IV SDN 097 Pekanbaru obtained the result of the average student response rate of 92,20%.

Based on the analysis that has been done, it can be said that the developed media has fulfilled the quality of a good media, which includes valid, practical, and effective. Thus, the learning media in the form of comics on the subject of social science IPS can be used in the learning process to facilitate the students in understanding the concept of historical material that tends to abstract. Kelebihan owned this media, among others, can accommodate the interests

and tastes of reading students, because elementary school students prefer reading which gives rise to many images, this medium can also increase learning motivation in students who can be seen from the student's response when the teacher provides comic media while learning. In addition, this media can accommodate the level of thinking of students who still adapt to the concrete operational level, so that material or concepts that tend to be abstract can be made concrete and easy to learn by the students. Through the interview with headmaster obtained the opinion that the comic media is a very good innovation to bring the spirit of learning and appreciation against independence fighters. Therefore, comic media can be a learning medium that is applied in teaching and learning process.

Conclusion

Based on processes and results of the research and development of comic-based learning media that have been done on V grade elementary school student in Pekanbaru city, obtained data showing that comic media is suitable to be used. The data is obtained based on the validation of material and media experts and data from the responses or responses of the students. So it can be concluded in general that the comic media deserve to be used as an IPS learning media History in class V Primary School. The lesson has been categorized good comic because it has fulfilled three criteria, that is valid, practical, and effective.

Acknowledgment

Suggestions from this research are: (1) for teacher and school party, learning media in this comic form can be considered as media or learning tool, (2) making of comic media need long time and need good physical and psychic condition so that it takes time management and good self-management so that media can be developed maximally, (3) for further researcher, hopefully, can become reference and input for media development in comic form, especially on IPS History subject.

References

- Abdul Majid. (2007). *Perencanaan Pembelajaran*. Bandung. PT Remaja Rosdakarya
- Arikunto, Suharsimi. (2010). *Manajemen Pendidikan*. Jakarta: RinekaCipta.
- Arsyad, Azhar. (2013). *Media Pembelajaran*. Depok: PT Raja Grafindo Persada
- Avrilliyanti, Herlina. Dkk. (2013). "Penerapan Media Komik Untuk Pembelajaran Fisika Model Kooperatif Dengan Metode Diskusi Pada Siswa Smp Negeri 5 Surakarta Kelas Vii Tahun Ajaran 2011/2012 Materi Gerak" *Jurnal Pendidikan Fisika (2013) Vol.1 No.1 halaman 156*.<http://eprints.uns.ac.id/14512/1/1790-3995-1-SM.pdf>
- Bonnef, Marcel. *Komik Indonesia*. (1998). Jakarta: KPG.
- Branch, RM, & Kopcha. TJ. (2014). *Model desain pembelajaran. Dalam Handbook penelitian tentang komunikasi pendidikan dan teknologi*
- Daryanto. (2013). *Media Pembelajaran Perannya Sangat Penting Dalam Mencapai Tujuan Pembelajaran*. Yogyakarta: Gava Media
- Departemen Pendidikan Nasional. (2003). *Undang-Undang Sistem Pendidikan Nasional Nomor 20 Tahun 2003*, Jakarta: Depdiknas.
- Faried Wajjadi. (2004). Pengaruh Pemberian Bahan Belajar Terhadap Hasil Belajar pada Mata Kuliah Rangkaian Dasar Listrik (Suatu Studi di Jurusan Teknik Elektro UNJ). *Jurnal Teknodik No. 15/VIII/Teknodik/Des/2004*.
- Femi Olivia. (2008). *Gembira Belajar dengan Mind Mapping*. Jakarta: PT Elex Media Komputindo
- Gooch, Deanna L. (2012). *Research, Development, and Validation of a School Leader's Resource Guide for The Facilitation of Social Media Use By School Staff*. Manhattan, Kansas: Kansas State University.
- Hobri. (2010). *Metodologi Penelitian Pengembangan*. Jember: Pena Salsabila.

-
- Karli, Hilda dan Margaretha. (2003). *Implementasi Kurikulum Berbasis Kompetensi I*. Bandung: Bina Media Informasi
- Listyani, Indriana Mei dan Widayati, Ani. 2012. Pengembangan Komik sebagai Media Pembelajaran Akuntansi pada Kompetensi Dasar Persamaan Dasar Akuntansi untuk Siswa SMA Kelas XI. *Jurnal Pendidikan Akuntansi Indonesia*, Vol. X, No. 2, Tahun 2012.
- Mulyasa, H. E. 2014. *Pengembangan dan Implementasi Kurikulum 2013*. Bandung: PT Remaja Rosdakarya.
- NTV Sekai Banzuke (World's Rank) (2013), *Indonesia placed 2nd for the biggest ... translating manga were found by Gyllenfjel (2013:10) in her thesis*
- Nurgiyantoro. (2005). *Teori Pengkajian Fiksi*. Yogyakarta: GMUP
- Pribadi, Benny A. 2011. *Model Desain Sistem Pembelajaran*. Jakarta: Dian Rakyat.
- Prina, F. (2004). Perbandingan Hasil Belajar antara Siswa yang Menggunakan Buku Paket dengan Siswa yang Menggunakan Buku Komik pada Konsep Sistem Hormon. *Journal of Applied Sciences Research*, 3(10):913-920
- Putra, Nusa. (2015). *Research & Development*. Jakarta: Rajawali Pers.
- Ravelo, L. C. (2013). The use of comic strips as a means of teaching history in the EFL class: Proposal of activities based on two historical comic strips adhering to the principles of CLIL. *Latin American Journal of Content and Language Integrated Learning*, 6 (1), 1-19. doi:10.5294/lacil.2013.6.1.1 eISSN 2322-9721.
- Rusman. (2015). *Pembelajaran Tematik Terpadu Teori Praktik dan Penilaian*. Jakarta: PT Raja Grafindo Persada
- Sebastien Molina, J. Gomez and J Ortuno, (2014). History Education under the New Educational Reform: New Wine in Old Bottles?. *International Journal Of Historical Learning, Teaching And Research Vol 12.2*. University Of Cumbria
- Soengeng, A.Y. Ysh. (2006). *Dasar-Dasar Penelitian*. Semarang: IKIP PGRI Semarang Press.
- Sones, William. (1944). *The Comics and Instructional Method*. American Sociological Association.
- Sudjana, Naana dan Rivai, Ahmad. (2011). *Media Pengajaran*. Bandung: Sinar Baru Algensindo Offset
- Sudjana, Nana. (2013). *Tuntunan Penyusunan Karya Tulis Ilmiah*. Bandung: Sinar Baru Algensindo Offset.
- Sugiyono. (2006). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Bandung: alfabeta
- Sukmadinata, Nana Syaodih. (2013). *Metode Penelitian Pendidikan*. Bandung: PT Remaja Rosdakarya.
- Suryosubroto, B. (2009). *Proses Belajar Mengajar di Sekolah*. Jakarta: Rineka Cipta.
- Undang-Undang Republik Indonesia Nomor 20 tahun 2003 tentang Sistem Pendidikan Nasional. Jakarta: PT. Rineka Cipta
- Wahyuningsih, Ary Nur. (2011) "Pengembangan Media Komik Bergambar Materi Sistem Saraf Untuk Pembelajaran Yang Menggunakan Strategi Pq4r" *Jurnal PP Volume 1, No. 2*. <http://journal.unnes.ac.id/nju/index.php/jpppsca/article/viewFile/1533/1709>. Diakses pada tanggal 10 Oktober 2017, pukul 07.10
- Waluyanto, H D. (2005). Komik sebagai Media Komunikasi Visual Pembelajaran. *Jurnal Universitas Kristen Petra* 7(1): 44-55.
- Widodo, Chomsin S. dan Jasmadi. (2008). *Panduan Menyusun Bahan Ajar Berbasis Kompetensi*. Jakarta: PT Elex Media Kompetindo.

Developing Social Science-History's Comics- Based Learning Media For The Fifth Grade Of Primary School In Pekanbaru City

ORIGINALITY REPORT

19%

SIMILARITY INDEX

16%

INTERNET SOURCES

12%

PUBLICATIONS

8%

STUDENT PAPERS

PRIMARY SOURCES

1	www.semanticscholar.org Internet Source	2%
2	Submitted to University of Nicosia Student Paper	2%
3	karyatulisku.com Internet Source	1%
4	N Widyasari, H Rosiyanti. "Developing material for promoting problem-solving ability through bar modeling technique", Journal of Physics: Conference Series, 2018 Publication	1%
5	pelitaeksakta.ppj.unp.ac.id Internet Source	1%
6	archives.palarch.nl Internet Source	1%
7	Riga Zahara Nurani, Hatma Heris Mahendra. "IMPLEMENTATION OF CHARACTER EDUCATION STRENGTHENING BASED ON LOCAL WISDOM IN SD LABORATORIUM UPI	1%

TASIKMALAYA", PrimaryEdu - Journal of
Primary Education, 2020

Publication

8	Submitted to Universitas Negeri Padang Student Paper	1 %
9	portal.issn.org Internet Source	1 %
10	ojs.ummetro.ac.id Internet Source	1 %
11	L Maharani, D I Rahayu, Yuberti, H Komikesari, Sodikin, R Hidayah. "Toondoo Application Based on Contextual Approach: Development of Comic Learning Media", Journal of Physics: Conference Series, 2019 Publication	1 %
12	e-journal.undikma.ac.id Internet Source	1 %
13	repository.uinsu.ac.id Internet Source	<1 %
14	S Saehana, U Wahyono, I W Darmadi, Y Kendek, W Widyawati. "Development of website for studying modern physics", Journal of Physics: Conference Series, 2018 Publication	<1 %
15	Sayidiman, Wawan Krismanto, Atika Sahriyanti. "Andragogy Models Based on	<1 %

Learning Community on Music Education in
Program of Elementary School Teacher",
Journal of Physics: Conference Series, 2018
Publication

- | | | |
|----|---|------|
| 16 | cdn.undiksha.ac.id
Internet Source | <1 % |
| 17 | syaharaaaaniy.blogspot.com
Internet Source | <1 % |
| 18 | www.psychologyandeducation.net
Internet Source | <1 % |
| 19 | journal.uad.ac.id
Internet Source | <1 % |
| 20 | www.journal.uad.ac.id
Internet Source | <1 % |
| 21 | Monry Fng Ratumbuysang, Sulistyio Rini, Agus Hadi Utama, Irsyad Baihaqi. "Dynamic Electrical Material Animation Video Development for 10th Grade Distance Learning", 2021 Universitas Riau International Conference on Education Technology (URICET), 2021
Publication | <1 % |
| 22 | Sehe Sehe, Achmad Tolla, Kamaruddin Kamaruddin, Akmal Hamsa. "The Development of Indonesian Language Learning Materials Based on Local Wisdom of | <1 % |

the First Grade Students in Sma Negeri 3 Palopo", Journal of Language Teaching and Research, 2016

Publication

23

edunesia.org

Internet Source

<1 %

24

repository.stptrisakti.ac.id

Internet Source

<1 %

25

I Muslimin, H D Surjono. "Developing Bima-Indonesia Mobile Dictionary with Input-Output Google Voice Feature", Journal of Physics: Conference Series, 2018

Publication

<1 %

26

docplayer.net

Internet Source

<1 %

27

journal.univetbantara.ac.id

Internet Source

<1 %

28

journals.umkt.ac.id

Internet Source

<1 %

29

A M Sibuea, M Amin, J S Rambey. "Development of Learning Media for E-Learning Schoology Research Methodology Subjects for Students of the Department of Electrical Engineering Education Faculty of Engineering Universitas Negeri Medan", Journal of Physics: Conference Series, 2021

Publication

<1 %

30

I I Farida, Jumadi, Wilujeng, Senam.
"Developing android-based science
instructional media to improve scientific
literacy of junior high school students",
Journal of Physics: Conference Series, 2018

Publication

<1 %

Exclude quotes Off

Exclude matches Off

Exclude bibliography On

Developing Social Science-History's Comics- Based Learning Media For The Fifth Grade Of Primary School In Pekanbaru City

GRADEMARK REPORT

FINAL GRADE

/1000

GENERAL COMMENTS

Instructor

PAGE 1

PAGE 2

PAGE 3

PAGE 4

PAGE 5

PAGE 6

PAGE 7
