

Student Worksheet Development (Lkpd) The Theme Of The Beauty Of Diversity In My Country Based On The Wisdom Of Lokal Bondowoso In Grade 4 Students At Sdn Kalianyar 2

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Abstract: *This study aims to find out the process and results of the development of student worksheets (LKPD) based on bondowoso local wisdom in grade IV students of SDN Kalianyar 02. This type of research is research in development research. The data collection method in this study is interview, test, validation, and questionnaire method, while the data analysis technique of students' learning outcomes is analyzed using posttest. Based on the validation results LKPD showed the results of validity by % with the percentage of student response of 91,2586.36%, while the effectiveness score obtained from the student score at the time of the posttest test was 81.81%, so it can be decided that the worksheets of students developed are very effective. That is, the development of sheets torja students based on local wisdom Bondowoso on the theme of beautiful diversity dinegeriku very valid and effective to use in learning.*

Keywords: LKPD, local culture

Penelitian ini bertujuan untuk mengetahui proses dan hasil pengembangan lembar kerja peserta didik (LKPD) yang berbasis kearifan lokal Bondowoso pada siswa kelas IV SDN Kalianyar 02. Jenis penelitian ini adalah penelitian pengembangan. Metode pengumpulan data dalam penelitian ini metode wawancara, tes, validasi, dan angket, sedangkan teknik analisis data hasil belajar siswa dianalisis menggunakan *posttest*. Berdasarkan hasil validasi LKPD menunjukkan hasil kevalidan sebesar 91,25% dengan presentase respon siswa sebesar 86,36%, sedangkan nilai keefektifan yang didapat dari skor siswa pada saat uji *posttest* adalah 81,81%, sehingga dapat diputuskan bahwa lembar kerja peserta didik yang dikembangkan sangat efektif. Artinya, pengembangan lembar kerja peserta didik berbasis kearifan lokal Bondowoso pada tema indahnnya keragaman dinegeriku sangat valid dan efektif untuk digunakan dalam pembelajaran.

Kata kunci : LKPD, kearifan lokal.

Introduction

Curriculum 2013 is designed to develop the competence of learners in the realm of knowledge attitudes and skills of the three domains combined through thematic fixed. The 2013 curriculum was implemented in the 2013/2014 school year but not all schools were able to absorb the latrine due to several things. The implementation of the 2013 bondowoso curriculum has been implemented by several schools, one of which is SDN Kalianyar 02. The purpose of the 2013 curriculum is to prepare Indonesian people to have the ability to live as individuals and citizens who believe, productive, creative, innovative and efektif and able

to contribute to the life of society, nation, state, and pradaban world (kemendikbud 2013:4).

Learning in IV ELEMENTARY school there are 9 themes that must be studied by students for one year. Among them is the theme 7 about the Beauty of Diversity in My Country consists of 3 sub-themes. One of them is sub-theme 2 which is The Beauty of Cultural Diversity of My Country. Sub-theme 2 consists of the eyes of Indonesian language teachings, IPS, SBPd, PPKn and LKPD developer IPA that will be conducted in sub-theme 2, namely in learning 3,5 and 6 is Indonesian, PPKn, IPS, and SBPD the learning is important to be quasi so that students understand the diversity that exists in Indonesia including in Bondowoso. Moreover, if the sub-theme is supported by the use of LKPD interesting and based on local wisdom, then students will be more enthusiastic to work on the questions.

The basic comprehension of the teachings 3, 5 and 6 is the language Indonesia 3.7 exploring the new knowledge contained in the text, 4.7 Conveying new knowledge and nonfiction text into writing in its own language. PPKn 1.4 menyukuk berbagai form of ethnic diversity, social, and culture in Indonesia and related to unity and unity as grace of God almighty, 2.4 Showing the attitude of cooperation in the form of ethnic diversity, social and cultural in Indonesia bound by one and unity, 3.4 identify sharing the form of ethnic diversity nation, social and cultural in Indonesia bound by unity and unity, 4.4 Presents a shared form of ethnic, national, social, and cultural diversity in Indonesia that is bound by unity and unity, as well as its relationship with the characteristics of space. IPS 3.2 identifies social diversity, economy, culture, ethnicity and religion in the local provinsi as the identity of the Indonesian nation as well as its relation to the characteristics of space and 4.2 presents the results of identification on social diversity, economy, culture, ethnicity, and religion di local province as the identity of the nation Indonesia, as well as its relationship with karakteristik space. Lastly, SBdP 3.3

knows the dance moves of regional creations. 4.3 Eragaman dance movement creations area. Teaching materials such as LKPD are interesting and based on the local kearifan where students live can have a good effect on student learning outcomes and agr learners conducted lebih meaningful.

LKPD is a printed teaching material that contains concise materials, and instructions for the implementation of learning tasks that must be done by students both theoretical and practical that refers to the basic competencies that must be achieved by students. Good learning objectives are not only seen from the curriculum, but in the learning process need supporting teaching materials. The teaching material in question is a complete description of the subject matter written on the curriculum. In fact, few teachers are able to develop teaching materials so that learning is conventional and boring because it only adheres to the teaching materials that sudah exist. Teaching materials that are often used in the learning process are Prastowo Student Worksheets (LKPD) (2014:269)

LKPD as teaching material has benefits for thematic learning, among others through LKPD students will get the opportunity to actively engage the material discussed. One of the purposes of the preparation of LKPD is as a teaching material that minimizes the role of educators but more activates students, makes it easier for students to understand the materials provided, teaching materials that are concise but rich in tasks to practice, and facilitate the implementation of learning.

Based on the results of the interview on January 18, which has been conducted in grade IV teachers sdn Kalianyar 02, shows that in the learning process on the theme of 7 Beautiful Diversity in My Country teachers have used teaching materials in the form of Student Worksheets (LKPD) but less varied only limited to existing books such as students and thematic LKPD books for LKPD based on local wisdom Bondowoso has never existed. So far, teacher learning activities only utilize LKPD that is already available.

Currently LKPD used by students turned out to encounter some problems because the material is the same for students throughout Indonesia. So sometimes students have difficulties because around their lives are not the same as those in LKPD, with this problem there needs to be the development of LKPD presented with local wisdom. Local wisdom is a tradition that develops in the community to manage existing resources in order to maintain its sustainability. The purpose of local wisdom is applied so that students' understanding increases in the materials that have been studied and at the same time as a means of introducing local wisdom of the area where students. LKPD is presented as a form of reinforcement that contains the same basic competencies as those in the student book, only the material contained in this LKPD is based on Bondowoso local wisdom in the form of culture and art such as konga mask, ojung, singgulung, batik, and so forth.

The condition has an impact on the process of solving LKPD boring. This fact is supported by an interview that has been conducted on grade IV students at SDN Kalianyar

02 which shows that students feel bored, because the appearance of LKPD using only hits white there are no pictures that vary so that students are lazy to work on the questions in LKPD because LKPD content is monotonous and not understood by students.

Based on the above presentation, the development research was conducted entitled "Development of Student Worksheets (LKPD) The Theme of The Beauty of Diversity in My Country Based on Bondowoso Local Wisdom in Grade IV Students of SDN Kalianyar 02 Even Semester 2020/2021".

method

This type of research is development or known as "Research Based Development". Borg and Gall (in Masyhud, 2016:222) said that development research is a process used to develop and validate educational products (models, shorts, modules, and learning media). Development research is suitable for use as a problem solver in education. Development research is used to instigate real products that have innovative-creative value and high efficiency. The product that will be developed in this study is the Student Worksheet (LKPD) based on Bondowoso local wisdom on the theme of the beauty of heaven in my country sub-theme of the beautiful cultural diversity of my country.

The place used when conducting the product development trials was conducted in grade IV sdn Kalianyar 02 whose students numbered 22 from schools that have implemented the 2013 curriculum at SDN Kalianyar 02.

Data collection instrument is a tool to obtain data that is then analyzed so as to know the LKPD developed is said to be valid or invalid from a) Lembar validation, b) Posttest, c) Lembar penilaian kerjanya, d) questionnaire sheet response. The method of data collection in this study is to use the following methods:

- 1) Observation, conducted during field study to find out at SDN Kalianyar 02.
- 2) The interview was conducted in order to get preliminary data on learning at SDN Kalianyar 02 LKPD experience, as well as obstacles in thematic learning. Interviews are also conducted on students to know the learning process, LKPD used, as well as obstacles to the learning process.
- 3) Questionnaire, this is used to collect data in the form of validator assessment of LKPD that has been developed, the opinion of students at the time of conducting trial use to know the advantages and weaknesses of the product and the response of students to LKPD developed.
- 4) Documentation, this is a data collection technique by looking for things in the form of notes, student books and teacher books, the name and number of grade IV students, and semester test scores.

- 5) The test results were conducted in grade IV of SDN Kalianyar 02. In this study using this type of post-test test can be used to assess how much students learn results.
- 6) Referenai, used to find information about the theory that supports the use of teaching materials in the form of LKPD based on local wisdom and related research before.

Data analysis in this study includes 1) Validity of LKPD; 2) Percentage of test results of learning; 3) Respon students.

1) Validity of LKPD

LKPD and yang questionnaires have been created then given to validators to be assessed by giving a score of 1-5 whose meaning has been described in the questionnaire. There are 24 questions in the poll so the maximum score that can be achieved is 120, and the minimum score that can be obtained is 24.

The formula of validity according to Masyhud (2016:242) is as follows.

$$Valpro = \frac{srt}{smt} \times 100\%$$

Description :

Valpro = Product validity

Srt = Rill score reached

Smt = Maximum score that can be achieved

The results of the analysis are then confirmed by the product feasibility category. Product validation criteria can be seen in table 3.13 as follows.

Table 3.3 Validity Criteria by Akbar (2016:81)

No.	Score Criteria	K Product Feasibility Category
1	80-100	Very decent
2	61-80	proper
3	41-60	Decent enough
4	21-40	Less Worthy
5	0-20	Very Less Worthy

2) Percentage of Study Results Test

Based on data from the student's post-test results against the student worksheet (LKPD) based on bondowoso local wisdom, students are said to be complete or successful if they get a minimum learning outcome test score according to the KKM that has been determined by the school. According to Hobri (2007:167) data analysis percentage of completion of learning results can be determined by the classical learning outcome percentage formula as follows.

$$E = \frac{n}{N} 100$$

information:

E = Percentage of the number of students who get a complete test score of learning results

n = number of students whose learning outcomes are complete

N = number of all students.

The success of the development of the Student Worksheet can be seen from the number of students who get a minimum score according to the predetermined KKM.

3) Percentage of Student Response

The percentage of student response data is used to determine the student's response to LKPD developed and can be calculated by the formula:

$$Persentase Respon Peserta Didik = \frac{A}{B} \times 100\%$$

Description:

A is a student who gives a positive response

B is the total number of students

The percentage of student response result data is then referred to in table 3.16 interpretation of student response percentage as follows.

Table 3.16 Interpretation of Student Responses (γ)

No.	big γ	interpretation
1	80% removing ≤ 100% γ	Very High
2	60% removing ≤ 80% γ	tall
3	40% removing ≤ 60% γ	keep
4	20% removing ≤ 40% γ	Low
5	0% removing ≤ 20% γ	Sangat Low

Source: Modification of Indriani (in Alfiyani, 2015:48)

RESULTS AND DISCUSSION

Data analysis conducted in the development research "LKPD based on local wisdom Bondowoso" includes data analysis validation results, percentage of student response, student learning outcomes.

a. Validity of LKPD Based on Bondowoso Local Wisdom

Based on the results of both validators, then the validation results are analyzed to certify state the feasibility of the product that has been developed. The result of the analysis of validation data by validator obtained the results by using the following formula:

$$\begin{aligned}
 Valpro &= \frac{srt}{smt} \times 100 \\
 &= \frac{109,5}{120} \times 100 \\
 &= 0,9125 \times 100 \\
 &= 91,25
 \end{aligned}$$

The results are then consulted with a table of product feasibility test criteria, then fall into the category of very feasible. Because it is in the range of the score between 81-100. Based on this decision, the resulting product is very feasible to try its use in a small time held in grade IV SDN Kalianyar 02.

b. Student learning outcomes

Data analysis of student learning outcomes is obtained from the results of objective questions that have been given to students after the learning is completed. Student

learning outcomes can be said to be complete if the student's learning outcomes reach the KKM that has been determined by the school which is 65. Based on the data of student learning outcomes, the data obtained by students who get a test score of learning results reached KKM as many as 18 students.

Based on the data, it can be analyzed the percentage of students who get a minimum test score of learning results according to KKM as many as 18 students.

$$E = \frac{n}{N} 100\%$$

$$E = \frac{18}{22} 100\%$$

$$E = 81,81\%$$

The success of teaching material development is also seen from the percentage of students who get a score according to KKM at least 80%. From the number of students who obtained the test score of learning results. Based on the data analysis of the number of students who obtained a minimum student learning outcome test score in accordance with the kkm above obtained percentage of the number of students completed as much as 81.81%. This shows that the teaching materials developed can help as a large student understand the material on the theme of the beautiful diversity in my country sub-theme the beauty of the cultural variety of my country of learning and 6 by expanding the local wisdom that exists in Bondowoso.

c. Student Response Percentage

In addition to the percentage of student learning outcomes, the effectiveness of LKPD based on bondowoso local wisdom can be seen from the student's response, namely the student's positive response to LKPD, student response data obtained from the student response questionnaire that must be filled by the student after the learning is completed. The students who filled the questionnaire numbered 22 people. The number of self-help who gave a positive response is as many as 19 people. The student response result data, then analyzed to determine the percentage of student response is calculated by the formula:

$$\text{Persentase Respon Peserta Didik} = \frac{\text{Jumlah siswa menjawab Ya}}{\text{Banyak Siswa}} \times 100$$

$$\text{Prosentase Respon Peserta Didik} = \frac{19}{22} \times 100$$

$$\text{Prosentase Respon Peserta Didik}$$

$$= 86,36\%$$

Teaching materials including LKPD can be said to be effective if at least 80% of students who are the subject of research give a positive response. Based on the results of the above analysis, the percentage of positive response of students was 86.36%. Then the results are referred to in the student response percentage scale table (Table 3.16).

Judging from the percentage scale table of student responses, the positive response data of students using lkpd based on bondowoso local authority is at an achievement percentage of 86.36% with very high criteria.

CONCLUSIONS AND SUGGESTIONS

Based on the process and results of the development of Student Worksheets (LKPD) based on bondowoso local wisdom on the theme of The Beauty of Diversity in My Country sub-theme of The Beauty of Cultural Diversity of My Country, it can be concluded that.

a. The development of Student Worksheets (LKPD) based on bondowoso local wisdom on the theme of Beautiful Diversity in My Country sub-theme of Beautiful Cultural Diversity of My Country for grade IV elementary school using development research model (R&D) by *Borg and Gall* consisting of 8 stages of development, as follows.

- 1) This preliminary research stage is conducted using 3P approach (*Paper, Place, Person*). This stage is done by reading a lot of references and literature related to development needs. Based on the approach that has been done, found various problems that occur in learning activities. In addition, a person-based approach is taken by conducting interviews to class teachers and grade IV students regarding learning needs.
- 2) Planning and product development stage. Planning and development of this product is carried out by consulting various information that has been obtained in the form of development research proposals. Development research proposals that are compiled contain the following: (a) formulation of research titles; (b) formulation of research problems; (c) formulation and purpose and benefits of research; (d) literature review; (e) development research methods and procedures including various instruments and schedules of activities.
- 3) Initial product design development stage. Done by putting together a grid about the content of the product design to be generated. The initial product design grid became a reference in the development of LKPD. The resulting design is a 1-page LKPD cover to create the cover as well as the background used for the contents of the LKPD nya through the microsoft word application, 1 page foreword, 1-page table of contents, 1-page LKPD usage instructions, KD mapping and 1-page learning objectives, 3 (5-page) learning LKPD, 5 (4-page) learning LKPD, 6

(4-page) learning list, 1-page library list.

- 4) The validation stage of product design is done by filling out a validation sheet or instrument in the form of an assessment scale that has been prepared in accordance with the lkp quality criteria indicators that have been determined. LKPD based on bondowoso local wisdom has been validated by 2 validators consisting of one validator design expert and one validator ahli material.
- 5) The initial product revision stage, at this stage is made improvements in accordance with the suggestions and inputs provided by the validators.
- 6) Trial stage of product use, This stage aims to find out the return or response of students to LKPD based on local wisdom Bondoso. This stage is done in grade IV students of SD Kalianyar 02, with the number of respondents as many as 10 students. Feedback obtained from the trial use of this product in the form of suggestions and corrections.
- 7) The revision phase of the development product, after conducting trials on the use of LKPD based on bondowoso local wisdom, was revised in accordance with the suggestions and inputs of students of SD Kalianyar 02, among others: (1) correct all printing and writing errors in LKPD; and (2) the addition of learning time using LKPD.
- 8) The eighth stage is a test of effectiveness. External product effectiveness trials that have been conducted using experimental methods. The revised LKPD tested its effectiveness to the research subject, namely grade IV students of SD Kalianyar 02.

b. Development Results

Based on the results of lkp development, obtained results.

- 1) The percentage of feasibility of LKPD obtained from the assessment of validators obtained a score of 91.25 belongs to the category is very feasible, so that lkp based on local wisdom bondowoso developed declared valid and ready to be used in learning activities.
- 2) Students who get a minimum score of 65 or according to KKM, namely 18 students or 81.81% of students and 4 others are not completed in other words LKPD based on bondowoso local wisdom is stated to help students understand the material on the theme of 7 sub-themes 2 learning 3,5 and 6.
- 3) LKPD based on bondowoso local wisdom received a positive response with an average total value of 86.36% which falls into a very high category.

Based on the discussion in the previous chapters and the above conclusions, the suggestions in this study are as follows.

- a. For students, learning using LKPD based on Bondowoso's

- local wisdom can be an exciting and exciting new experience. Through this, students are advised to always learn with passion and perseverance.
- b. For teachers, containing local wisdom in learning is very important to do with the aim that students better know the local wisdom in the region. Materials should be delivered with attractive LKPD to create a high interest in learning for students.
- c. For researchers, it should be able to continue this stage of the development process to a higher stage of dissemination. In addition, it is expected to always create creativity and new innovations that can help and develop the learning process in elementary school.
- d. For other researchers, the results of this study are expected to be a consideration to conduct more creative and innovative research for the development of the learning process in elementary school.

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