Development of Review Text Teaching Materials Based on The Local Wisdom of Batu Bara with the Help of FlipHTML5

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Abstract. This article contains a summary of the results of research on the development of teaching materials for review texts based on local wisdom Batu Bara was assisted by FlipHTML5 for class VIII students packaged in the form of E-modules. The method used is Research and Development (R&D) with the 4D model (Four D Models) from Thiagarajan, namely define, design, develop, and disseminate. The data collection instruments used were (1) material and learning design validation questionnaires; (2) teacher and student response questionnaires; and (3) student learning outcomes tests. The data analysis technique uses a Likert scale. The product that will result from this development is the FlipHTML5-assisted E-Module, which contains teaching material for review text based on the local wisdom of Batu Bara. The product will be validated by material experts, learning designers, the Indonesian language teacher and students.

Keywords: Review Text Teaching Materials, Local Wisdom of Batu Bara, FlipHTML5.

1 Introduction

Learning Indonesian at school is one of the important lessons in education units in Indonesia, with the aim of improving language and writing skills. Indonesian language learning, especially in junior high school, aims to make students have the ability to communicate and write well in accordance with ethics and be able to appreciate and use the Indonesian language. In learning Indonesian, especially for class VIII, materials and teaching materials have a very important role in conveying information and facilitating the learning process for students. Preferably, in developing teaching materials and materials for schools, incorporate elements of local wisdom.

One form of local wisdom that can be incorporated into the development of teaching materials and materials in schools is Batu Bara's local wisdom, which includes traditions, values, regional artworks, and folklore. In fact, the use of teaching materials based on local wisdom, especially the local wisdom of Batu Bara, is still minimally used in Baitussalam Private MTs, especially for conveying review text teaching material, so that it makes students learning the material, because in the activity of writing review texts, students are required to

observe, ask, explore, and communicate the review text in accordance with the KD contained in the class VIII syllabus.

Class VIII students find it difficult to learn basic competencies (KD 3.11, 3.12 (Knowledge) and 4.11, 4.12 (skills)) about review texts. These difficulties were obtained from the results of an interview on January 10, 2023, with one of the Indonesian language teachers at Baitussalam Private MTs, named Abdul Azis, S.Pd. From the results of the interviews, he explained that "students are still finding it very difficult to write review texts compared to other texts. Factors that influence this are due to the low knowledge of students regarding the structure and language features of review texts.

The statement made by the Indonesian subject teacher at the Baitussalam Private MTs was supported by the results of the initial observation conducted on January 10, 2023, at the MTs, which showed that many of the participants' learning outcomes in review text material had not yet reached the KKM. The results can be seen in Table 1.1, as outlined by the numbers below:

Table 1.1. Learning Outcomes Indonesian Material Review Text
Class VIII Students for the 2022/2023 Academic Year

Category	The Value of Learning Outcomes Review Text	Number of Students	Percentage
Not Completed	0 – 50	3	18%
	51 – 70	9	57%
Complete	71 – 100	4	25%
Total Number of Students		16	100%

Data Source: Observation at Private MTs Swasta Baitussalam (10 January 2023)

The KKM score for the Indonesian subject at Baitussalam Private MTs is 71. So from the data above, it can be concluded that there are still many students who have not reached the KKM that has been determined at number 71. Out of 16 students, only 4 have completed or reached the KKM limit, with a percentage of 25%. The rest have not yet reached the KKM. This indicates the difficulties experienced by students in studying the review text material. These results were obtained from the results of their daily exams.

The first factor that causes student scores to be below the KKM is that students do not understand the structure of the review text. The second factor that causes students' scores to be below the KKM is that they do not understand the linguistic rules of the review text. This can be seen in the students' answer sheets when they were given UH questions to write a review text for Laskar Pelangi Film. This is similar to Hutahean's statement (2014: 34), where he said that, "We often observe and find that students' writing skills are lacking".

The third or final factor that causes students' grades to be below the KKM is the learning resources that teachers use at Baitussalam Private MTs in delivering review text material: only the 2017 revision of class VIII K13 Indonesian language textbooks issued by the government (Kemendikbud) without any supporting teaching materials. The number of textbooks available for the number of students is not commensurate.

The contents of the 2017 revision of the Class VIII K13 Indonesian language package published by the Ministry of Education and Culture only contain an introduction, a presentation of material consisting of several chapters and subchapters, a bibliography, and attachments. The contents section in the Indonesian language textbooks for class VIII held by

students minimally presented or showed definitions, concepts, complete steps for answering questions, and answer keys to see how far students' understanding has advanced in studying the review text material. The material presented in it is also less organized.

Most of the presentation of material is in the form of paragraphs; as a result, the majority of students are too lazy to read. There are no teaching materials used by teachers in the form of local Batubara culture to convey review text material. The textbook used does not include adequate review text material, or the language and approach are too general. Lack of up-to-date and appropriate content in textbooks held by students. The contents of the textbook do not follow the latest developments and are not relevant to the situation or environment of the students. The absence of clear guidelines in the textbooks used causes students to lack understanding when writing review texts. Learners need concrete and structured guidelines that include structure, content, and steps to follow in order to develop their review writing skills effectively.

Not only that, at Baitussalam Private MTs, it was also found that there were limited textbooks that specifically discussed review texts; there was no use of digital teaching materials such as the FlipHTML5-assisted E-module, which provided complete and structured review text material; and there was a lack of online content containing examples of various review texts to arouse students' interest in learning and writing on review text material.

The teacher's depth in elaborating teaching materials is also an obstacle to improving the quality of learning; preferably, in explaining review text material, the teacher integrates Batubara local wisdom to introduce and maintain local culture through film and folklore. It is these factors that cause students to have difficulty learning the review text material. So it can be said that the basic competence in the review text material is not achieved. The basic competence of review text material is contained in the class VIII syllabus. Grade VIII students of SMPs and MTs study review text material to improve their ability to write, comment on, and evaluate films, short stories, poetry, novels, regional arts, local artworks, etc.

This review text material is found in Chapter 6 of the 2013 curriculum. Review text (films, dramas, short stories/poems/local artworks, etc.) is the result of a person's assessment of a particular drama or film show or performance (Kosasih, 2014: 204). Text reviews are also texts that contain considerations, ratings, and comments on a book or work written by another person.

Basic Competency 3.11, 3.12 (Knowledge) and 4.11, 4.12 (Skills) are the basic competencies of review text material for class VIII at MTs Private Baitussalam. Due to several factors that cause students difficulties in learning the review text material, it is necessary to develop teaching materials in the form of E-Modules for review text material based on Local Wisdom of Batu Bara, assisted by Flip HTML5.

The development of Batu Bara-based review text teaching materials is very important and brings significant benefits. These benefits include arousing students' feelings of love and concern for the environment and local cultural heritage, providing an understanding that is more relevant and directly related to the context of their lives, and playing a role in preserving local wisdom. This teaching material also encourages the application of local wisdom values in students' daily lives.

In the development of Batu Bara-based review text teaching materials, an innovative approach is needed in the development of these materials. One solution that can be used is to use E-module technology to write digital-based text reviews (assisted by FlipHTML5). The e-module on writing digital-based review texts (assisted by FlipHTML5) is a learning

material designed to help students develop skills in writing review texts using FlipHTML5 digital technology.

This e-module focuses on FlipHTML5, an online platform that allows students to read, watch, and gain insight into review texts digitally. By using this E-module, teaching materials can be presented in an attractive format, containing multimedia content that integrates text, images, audio, and video that are relevant to Batu Bara's local wisdom. This will increase the interest and involvement of students in studying the material and enrich their learning experience by developing teaching materials in the form of E-Module material review text based on Coal Local Wisdom assisted by FlipHTML5, which can help students overcome the learning difficulties they experience at school. materials for writing review texts, improving writing skills, critical thinking, expressing ideas and opinions, and imaginative power in the form of reviews, as well as teaching materials accompanying Indonesian language textbooks to enrich the understanding of students at Baitussalam Private MTs.

Research that is relevant to this research is: Ratna Hutagalung's research (2020) entitled "Development of Taput Local Culture-Based Short Story Text Teaching Materials for Grade VIII SMP Negeri 5 Tarutung", Dini Suryani Harahap (2021) entitled "Development De Support Padegogique De La Production Ecrite Intermediaaire En Utilizant FLIPHTML5"; Zulya Arsela et al. (2022) entitled "Development of Indonesian Language Learning Modules for Review Text Materials for Grade VIII Students at SMP Negeri 5 Bengkulu City, Arif Mazhuri Saputro, et al. (2021) entitled Development of Teaching Materials for Writing Short Stories with a Contextual Approach Based on Local Wisdom for Class XI Students of Vocational High Schools", Nabila Ripda Maisa, et al. (2022) entitled "Development of HTML5 Flip-Based E-Module on Archaebacteria and Eubacteria Material for High School Class X Students". and Liberty Anggela's research (2021) entitled "Module for Compiling Novel Reviews based on Local Wisdom (Development of Literary Teaching Materials for Class XI Students of SMK Negeri 2 Musi Rawas)". These studies show that the practicality of the module gains a percentage of 86%.

Based on the results of the research module, compiling local wisdom-based novel reviews is valid and practical for use in learning. In other words, the provision of additional teaching materials based on local wisdom or culture and based on FlipHTML5, in addition to school textbooks, is very much needed by students so that they can easily understand the topic or discussion of the review text taught by the teacher.

The difference between several previous studies and current research lies in the focus of the subject or material developed (short story review text, local wisdom of Taput and Batubara, Indonesian material, Archaebacteria and Eubacteria material), level of education (grade VIII junior high school, high school students grade X), and the tool or application used (FLIPHTML5).

The research that will be developed at this time focuses on developing review text teaching materials based on the local wisdom of Batubara. FlipHTML5 is used as a tool to develop teaching materials in the form of interactive E-modules. FlipHTML5 is a tool that enables the creation of interactive digital content, such as digital books or magazines. This indicates that this research will explore and utilize the local wisdom of Batubara in compiling review text teaching materials. The local wisdom of Batubara that will be used is from the film Budak Lanyau and the folklore of Batu Bara.

The advantages and novelties of the research that will be developed at this time are utilizing the local wisdom of Batubara as a source of inspiration and context in developing review text teaching materials and using FLIPHTML5 as a tool for creating interactive digital content, or

E-modules. This can increase students' understanding of the local wisdom of coal through the developed review text.

According to Nieveen (1999: 126–127 in Dyah Purboningsih, 2015), the quality of teaching materials developed must meet three criteria: validity, practicality, and effectiveness. Based on the description that has been given, it is necessary to develop digital-based teaching materials that are suitable for use by students in the form of teaching materials (E-Modules) entitled "Development of Review Text Teaching Materials Based on The Local Wisdom of Batu Bara with the Help of FlipHTML5".

The review text teaching material based on the local wisdom of Batu Bara that was developed aims to produce valid and reliable teaching materials and materials to measure students' ability to study review text material. This research has benefits, including: (1) As a contribution to scientific thinking in advancing education, especially Madrasah Tsanawiyah education equivalent, by developing teaching materials for review texts based on local wisdom Batu Bara, assisted by FlipHTML5, and (2) can help enrich learning content by emphasizing culture, traditions, and distinctive local knowledge.

2 Method

The R&D method (Research and Development) is a research method used for current research. The product developed is an E-module that contains teaching materials for reviewing text based on the local wisdom of Batu Bara, assisted by the FlipHTML5 application. This research method refers to the 4D model (Four D Models) from Thiagarajan, namely define, design, develop, and disseminate, with a few adjustments according to the research context. The development of this 4D model is a systems approach model that was compiled based on previous models and real field experience in designing, developing, evaluating, and disseminating teacher training materials in special education (Thiagarajan, 1974: 5).

The development research phase includes defining, designing, developing, and disseminating. The Define stage is carried out to analyze the needs of students, analyze the assignments given in learning, analyze concepts, and formulate learning objectives. The Design stage is carried out by compiling a product design that is being developed. The format in this development is in the form of an E-module, which contains Teaching Materials for reviewing Text Based on the local wisdom of Batu Bara Assisted by FlipHTML5.

The Develop stage is to produce development products that aim to produce the final form of FlipHTML5-assisted E-Module products. After the product is ready to be developed, a product validation test is carried out on design and material experts, asking for a positive response from Indonesian teachers and students, as well as testing the product on class VIII students at Baitussalam Private MTs to see the effectiveness of the product. In the Dissemination stage, the validation testing step is carried out, and the data obtained through a product testing questionnaire from the readability test and educator perception test is then processed to determine the validity and practicality of the product. The final product that has been classified as effective, the e-Module product, will then be uploaded online to the fliphmtl5 website and can be accessed for study, absorption (diffusion), and use (adoption) by anyone.

The data collection instruments in this study were grouped into two parts: (1) expert validation questionnaires and teacher and student response questionnaires to test the

practicality of the teaching materials developed; and (2) student learning outcomes to test the level of effectiveness of the teaching materials developed.

The data analysis technique uses a Likert scale. The data and information collected through material and design expert validation, student and educator response questionnaires, and the effectiveness of these teaching materials will be used in determining the level of effectiveness and usefulness of the E-Module for writing review text material. In this study, researchers still reached the second stage, namely the Design stage, meaning that in this study, the research only reached the stage of designing ready-made products. This product has not been validated by experts, has not been assessed for its practicality by Indonesian language teachers, and has not been tested on class VIII students at Baitussalam Private MTs.

3 Results And Discussion

The product resulting from this development research is an Electronic Module (e-Modul) assisted by the FlipHTML5 application. This product was developed to produce materials and teaching materials that can be used in valid and practical learning for educators and students on review text material based on the local wisdom of Batu Bara for class VIII.

The local wisdom of Batu Bara included in the review text is: (a) Batu Bara Budak Lanyau Film, which consists of several films titled "Lupo","Malik Jumpo Si Mokak", "TKW kerja di Malaysia pulang lupa bahasa kampung sendiri", and "Motor Baru". (b) Batu Bara folklore, which consists of three stories entitled "Legenda Meriam Gando Sorang", "Legenda Siti Payung", and "Asal Muasal Pesta Tapai di Batu Bara".

The review text material is based on the local wisdom of Batu Bara in the electronic module assisted by FlipHTML5, which was developed, and refers to the analysis of KD 3.11, 3.12 (Knowledge), and 4.11, 4.12 (Skills) and indicators that have been formulated. At the design stage, the researcher prepares material, including video, audio, images, and practice questions, which are added to the material and teaching materials to be made. The following are the steps for creating a review text of teaching material based on the local wisdom of Batu Bara in the form of an electronic module assisted by Flip HTML5, namely:

1) Provide and compile files of local wisdom-based review text material that will be used in PDF format. All components of the e-module prepared in the design stage are then assembled into a unified system using website software https://www.canva.com/id_id/.

Figure 1. Preparation of Coal Local Wisdom-Based Review Text Material to be Made into E-Modules Using the Website https://www.canva.com/id_id/

2) After designing and designing on the website https://www.canva.com/id_id/ then uploaded or entered into the FlipHTML5 application or website by opening Google Chrome, then visiting the website https://fliphtml5.com.

3) Then click the Sign in button

4) Click Sign In With Google, then select the account to use.
5) After that, click Default.
6) Then click Add New Book to add a new project.
7) Click Upload PDF, then select the PDF file that will be used to create the e-module.
8) Then fill in the Title and Description as desired, then click Apply.
9) To adjust the button layout, click Template, then select as desired, then click Apply.
10) Click Styling, then click Design. Then adjust the settings as desired, and then click Apply.
11) To add a video, click Styling, then click Design, then select Gallery, then click Add Video. Adjust the settings as desired, then click Apply.
12) To adjust the shape of the cover, click Styling, then click Design, then select COVER, then select as desired, then click Apply.
13) To change the background, click Styling, then click Theme, then click System Themes. After that, select what you want, then click Apply.
14) To add animation to the background, click Styling, then click Theme, then click Dynamic Scenes, then select what you want, then click Apply.
15) To see the results of the project, click hide.
16) The final result of the e-module that has been created using Flip HTML5 In online form, the developed e-module can be accessed via a link.

The FlipHTML5 application or website is used to include video, audio, images, background sound, as well as practice questions and guessing/word games that are added to the review text teaching materials based on the local wisdom of Batu Bara with the help of FlipHTML5.

Figure 2. Product Results in the Form of E-Module Review Text Teaching Materials
Based on The Local Wisdom of Batu Bara with the Help of FlipHTML5

The text teaching materials are based on the local wisdom of Batu Bara with the help of FlipHTML5 in the form of an E-module. The developed e-module includes:

a) Cover E-Modul entitled "Class VIII Indonesian Language Learning Module Reviews Local Wisdom Works" By adding Batu Bara's local wisdom designs, such as the Kab. Batu Bara, a picture of Mariam's stump, a picture of Batu Bara tapai, and the cover of the Batu Bara anthology book.

b) The E-Module's contents include covers, prefaces, tables of contents, images, charts, tables, basic competencies (KD), core competencies (KI), introductions, study guidelines, the function of parents, and learning materials and questions that students can study on their own.

c) Learning Activity 1: Learning to Know Review Text

d) Learning Activity 2: Learn to Tell the Quality of Review Text Work

e) Learning Activity 3: Learning Structure and Language Rules of Review Text

f) Learning Activity 4: Learning to Write Commentary Texts

g) The four learning activities contain Batu Bara's local wisdom, namely: The Slave Film and Batu Bara Folklore.

h) At the end of each activity, there is a summary and formative test to test the extent to which students are able to learn these learning activities.

i) This e-module also provides learning videos and films that the researcher has inserted in it to improve the mood of students in learning.

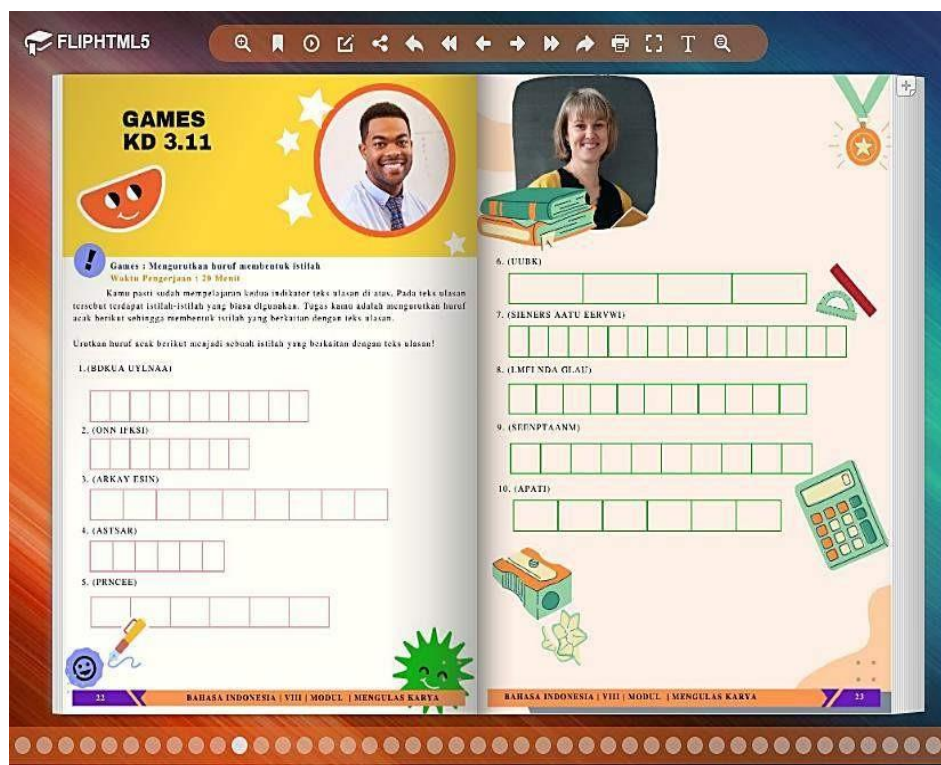j) There are also word order games, charades, puzzles, and essay tests.

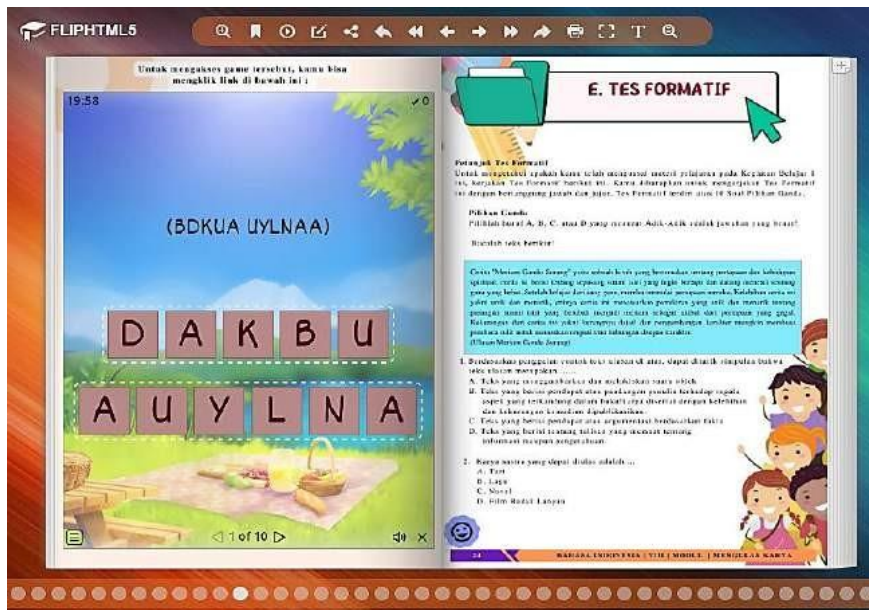**Figure 3.** Word Guessing Games

Figure 4. Formative Tests

k) At the end of this E-Module, it contains the final test of the module along with the test answer keys to train students in understanding concepts related to the review text based on Batu Bara local wisdom by utilizing the online Flip HTML5 application.

It is hoped that the development of teaching materials in the form of E-Modules on Batu Bara Local Wisdom-based review text materials assisted by Flip HTML5 will be able to help students overcome the learning difficulties they experience at school, especially materials for writing review texts, improve writing skills, think critically, express ideas and opinions, etc., as well as his imaginative power in the form of reviews and teaching materials accompanying the Indonesian language package book to enrich the understanding of the Baitussalam Private MTs students.

The products that have been made will then be validated by material and design expert lecturers by giving questionnaires to these lecturers. After being validated by the validator lecturer, the next step is distributing response questionnaires to teachers and students to test the practicality of the teaching materials being developed, as well as providing and distributing these products to class VIII students at Baitussalam Private MTs to test the level of effectiveness of the teaching materials being developed.

4 Conclusion

The research and development carried out produced a product in the form of an E-Module assisted by FlipHTML5, which contains teaching material for review texts based on the local wisdom of Batu Bara. FlipHTML5 is a web-based flipbook application that can be used to create e-modules by converting pdf files to flipbook format. This web is able to make e-modules attractive because users can add learning videos, background music that makes

readers comfortable, page effects that can be changed, and attractive e-module layouts that make researchers choose to use FlipHTML5.

This product is expected to be able to help students overcome the learning difficulties they experience at school, especially with material for writing review texts, improve writing skills, think critically, express ideas and opinions, and develop their imaginative power in the form of reviews as well as teaching materials accompanying Indonesian language textbooks for students. enriching the understanding of the Baitussalam Private MTs students.

The product will be validated by material experts and learning designers. After being validated, it is handed over to the Indonesian language teacher and students to be given a response. Furthermore, the product was tested on class VIII students to see its effectiveness. Batu Bara's local wisdom that will be included in the review text material is (1) Batu Bara folklore and (2) the film Lanyau Batu Bara Slaves, made by a YouTuber from Batu Bara.

5 Acknowledgments

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