

Development of Core-Based News Text Material (Connecting, Organizing, Reflecting, Extending) in the Form of E-Modules for Class VIII Students of YPK Medan Middle School

Mia Sanita Siagian¹, M. Joharis Lubis², Malan Lubis³

{ miasanitas@gmail.com¹, joharislubis@yahoo.co.id², lbsmalan@gmail.com³ }

Magister Pendidikan Bahasa dan Sastra Indonesia, Pascasarjana, Universitas Negeri Medan, Indonesia 2023¹²³

Abstract. This research article discusses the development of core-based news text material in the form of e-modules which aims to support the teaching and learning process for Grade VIII junior high school students. The method used is research and development (R&D) with the ADDIE (Analysis, Design, Development, Implementation and Evaluation) development model proposed by Branch. The population of this study were students of class VIII SMP Medan Family Education Foundation. The research sample was taken by cluster sampling. Data collection techniques were carried out using questionnaires, structured interviews, distribution of questionnaires, and e-module validation. Data collection instruments used 1) material expert validation questionnaire and learning design expert validation, 2) teacher and student response questionnaires. The data analysis technique used was a Likert scale.

Keywords: News Text, Core Based, E-Module

1 Introduction

Education is a means to achieve a nation's development and growth. In the development of technological advances, education requires changes, one of which is the change in teaching materials. According to the National Education System Law (Sisdiknas) no. 20 of 2003, education is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential to have religious spiritual strength, self-control, personality, intelligence, morals, noble character, as well as the skills needed by himself, the community, the nation and the state. According to Lubis (2019) that education is the main variable in advancing a nation. Therefore, to realize this, all elements of education must be mutually integrated and synergized with other systems to achieve goals.

Improving the quality of education can be achieved through the implementation of proper education and in order to achieve the expected learning objectives. Through teaching activities, these learning objectives can be carried out in the form of a teaching and learning process which is the implementation of the school curriculum. One of the important tools in the teaching and learning process is the use of good and interesting teaching materials.

Teaching materials are learning materials or materials that are systematically designed and used by educators and students in the teaching and learning process. Media and teaching materials are supporting factors in a learning process. Teaching materials are referred to as subject matter which is the most important part of the learning process. The subject matter is the essence of a learning activity. Teaching materials are all forms of materials used to assist teachers in carrying out the learning process. The intended material can be in the form of written or unwritten material. The aim of preparing teaching materials is to provide teaching materials that suit the needs of learners which include the characteristics and social environment of students.

One type of text studied at grade VIII junior high school in accordance with the 2013 curriculum is news text. The textbook "Indonesian Language Class VIII SMP/MTS Curriculum 2013 Revised Edition 2017" is a general teaching material used for news text material and there are no other teaching materials in print or electronic modules. E-modules play an important role and can make the learning process more effective. E-modules help students who have learning difficulties. E-modules are presented in electronic format which includes audio, video, and animation which makes users more interactive.

Class VIII junior high school students still have difficulty writing news texts in basic competencies (knowledge) 3.1, 3.2 and core competencies (skills) 4.1, 4.2. This can be seen from interviews conducted with Indonesian language teachers at the Medan Family Education Foundation Middle School and the scores of students who have not yet reached the KKM 75. The results of teacher interviews show that students experience difficulties in writing the structure and linguistic rules of news texts. The contributing factor is the lack of student textbooks.

Another reason is that the teaching materials used are still monotonous and the media used is infocus. Media and teaching materials are supporting factors in a teaching and learning process. Core-based news text material (connecting, organizing, reflecting, extending) in the form of an E-module has never been done at the Medan Family Education Foundation Middle School. With this research being developed, it will motivate students in the teaching and learning process, especially in news text material. So that students' grades will reach the KKM.

Relevant research Sri Wahyuni (2021) entitled Development of Core-Based Student Worksheets (Connecting, Organizing, Reflecting and Extending) to Improve Mathematical Connection Ability in Trigonometric Equations Material. Atika Wulan Permata (2021) with the research title Development of Learning E-Modules to Improve Learning Outcomes of Class VIII Indonesian Language Exposition Text Materials at SMP Negeri 2 Maospati Magetan. Bobby Pratama Putra (2020) with the title Development of Problem-Based News Text Teaching Materials for Class XII Students at TR Sinar Husni Vocational School. Khotimah et al (2022) entitled Development of an E-Module Based on the Core Learning Model to Facilitate Students' Mathematical Communication Skills. Rizta et al (2016) Development of the Discovery-Based Circle Material E-Module for Middle School Students. Suryadie (2014) entitled Development of Shared Type Integrated Science Electronic Modules for Class VIII SMP/MTs Students.

Some differences between previous research with current research are research location, teaching materials and level of education. Research locations (Maospati Magetan 2 Public Middle School, TR Sinar Husni Vocational School and VIII SMP/MTs). Teaching materials (Mathematical Connections in Trigonometric Equations Material, Improving Learning Outcomes Exposition Text Material for Indonesian Subjects, Problem Based News Text, Facilitating Mathematical Communication Skills, Discovery Based Circle Material and Shared Type Integrated Science. Level of education (SMK). The similarity between previous and current research is the ADDIE development model.

The research currently being developed is the Development of Core-Based News Text Material (Connecting, Organizing, Reflecting, Extending) in the Form of E-Modules for Class VIII Students of SMP YPK Medan. Core-based news text material (connecting, organizing, reflecting, extending) can be seen through link-based e-modules. E-module has benefits for teachers and students. Teachers can help in the teaching and learning process such as replacing the teacher when he is not present. For students, it can be accessed anywhere and anytime and can increase student knowledge and dig back material that has been understood.

2 Research Methods

The R&D (Research and Development) method is a method developed by Branch (2009). This method is used for the current research. The stages that will be carried out are 1) Analysis, 2) Design, 3) Development, 4) Implementation, and 5) Evaluation. This research was conducted at junior high school level Yayasan Pendidikan Keluarga Medan class VIII.

The development of core-based news text material in the form of electronic modules (e-modules) is prepared well with preparation and planning based on the following steps:

- 1) *Analysis stage*, the steps taken at this stage are to analyze matters relating to the development of teaching materials namely, needs analysis and curriculum analysis.
- 2) *Design Stage*, the steps taken at this stage are planning to prepare everything needed in the development of teaching materials, so that the developed teaching materials can support learning in schools.
- 3) *Development Stage*, The development stage is the activity of developing teaching materials in order to achieve the learning objectives that have been formulated previously.
- 4) *Implementation stage*, at this stage is the realization step of the design and development stage. At this stage, the activities carried out are implementing things related to the development of teaching materials in the form of e-modules namely, trialling teaching materials in the form of e-modules in learning to write news texts.
- 5) *Evaluation Stage*, At the evaluation stage, the activities carried out are evaluating matters related to the development of teaching materials in the form of modules, namely carrying out final revisions after the teaching materials are developed and producing the final product in the form of learning e-modules that are suitable for use in the learning process of writing news texts at school.

The data collection instruments in this study were grouped into two parts, namely the Expert Team Validation Questionnaire Sheet and the Material Expert Validation Sheet. In the material expert validation sheet there are also 1) expert validation questionnaires and teacher,

student response to test the level of practicality of the teaching materials being developed, and 2) student learning outcomes to test the level of effectiveness of the teaching materials being developed.

Data analysis technique using a Likert scale. This data was collected through expert validation, questionnaires distributed to students and teacher questionnaires. Assessment instruments for validators and individual trials, small groups and limited field groups.

3 Results and Discussion

The product resulting from this research is an electronic module (e-module). E-modules or electronic modules are modules in digital form, consisting of text, images, which contain digital electronics material accompanied by simulations that can and are appropriate for use in learning. Syahrial, et al (2019) stated that e-module teaching materials are teaching materials that can assist students in studying subject matter independently using electronic media. As with other learning media, an e-module teaching material with its complete characteristics and building components as an independent learning material has various advantages that other media do not have.

News text material in grade VIII junior high school is found in basic competencies (knowledge) 3.1, 3.2 and core competencies (skills) 4.1, 4.2. At the design stage, researchers also prepare materials, videos, audio, images, and practice questions which are added to the materials and teaching materials that will be created. The E-module product contains core-based news text material (connecting, organizing, reflecting, extending) which consists of understanding news text, news text elements, news text structure, linguistic rules and student practice questions. The E-module is also equipped with animations, images and videos related to news texts. The e-module can be accessed via the provided link. According to Suyatno, the core learning steps (connecting, organizing, reflecting, extending) are as follows:

- a. Open the lesson with activities that interest students.
- b. Submission of old concepts that will be connected with new concepts.
- c. Organizing ideas to understand the material carried out by students with teacher guidance.
- d. Heterogeneous division of groups.

At the design stage of e-module products with core-based news text material, there are steps that must be considered, namely the following:

- 1). First, prepare the material that will be used in the e-module product.
- 2). Then log in to the website https://www.canva.com/id_id/ which is on the computer.
- 3). After logging in to your Canva account, select the cover design for teaching materials that suit your needs.
- 4). Then each page can be added with animations and images.
- 5). Furthermore, in the e-module you can add videos such as news videos that are currently happening.
- 6). Then don't forget to add practice questions to train students to express ideas and increase student knowledge.
- 7). After the e-module product has been designed, students can enter by accessing the link provided. This product is expected to attract students' interest in the teaching and

learning process and students' scores achieve the Minimum Completeness Criteria (KKM).

4 Conclusion

This research and development resulted in a product in the form of an E-Module can be accessed via the link. In the E-module there is core-based news text material supplemented with pictures and animations. The link provided can be accessed anywhere and anytime. Not only that, the link can also be accessed via cellphones, laptops and computers. With this access can attract student learning interest.

This product is expected to help students overcome difficulties in writing news texts. E-module as accompanying teaching material for Indonesian language package books to enrich the understanding of Medan Family Education Foundation Middle School students. The product will be validated by material and learning design experts. Once validated, it is handed over to the Indonesian language teacher and students. Next, the product was tested on class VIII students to see its effectiveness. With this research, it is also news that teachers have the convenience of delivering core-based text material in the form of e-modules as a learning resource at school and for students it can improve student learning outcomes.

Acknowledgments

The researcher would like to thank the supervising lecturer who has provided maximum direction and guidance so that this research can be carried out properly.

References

- [1] Afriliani, Dilla Erlina et al. "Mind Mapping Techniques Based on Connecting, Organizing, Reflecting, Extending (Core) Models in Learning to Write Short Story Texts," (2021).
- [2] Branch, R. *Instructional Design: The ADDIE Approach*. New York: Springer Science & Business Media., (2009).
- [3] Department of National Education. Law No. 20 of 2003 National Education System, 2003.
- [4] Faruqi, UA "Future Service in Industry 5.0: Survey Paper." *Journal of Intelligent Systems* 2, no. 1 (2019): 67–79.
- [5] Ghofur, ABD "Development of Android-Based Scan Barcode Learning Media in Social Studies Learning." *Journal of Education and Learning Technology* 1, no. 1 (2020).
- [6] Big Indonesian Dictionary (KBBI), 2016. <http://kbbi.web.id/Pusat> .
- [7] Ministry of Education and Culture. "Practical Guide to Preparing Learning E-Modules," (2017).
- [8] Khotimah, et al. "Development of E-Modules Based on Core Learning Models to Facilitate Students' Mathematical Communication Skills." *Scientific Journal of Mathematics Education* 3, no. 3 (2022).
- [9] Lubis, M. Joharis & Indra Jaya. *Commitment to Building Education (Review of Crisis to Improvement According to Theory)*. Medan: CV Pusdikra Mitra Jaya, (2019.)
- [10] Maharani, Sustika. "Development of Teaching Materials for Writing Folklore Texts Based on Text Engineering for Class X Students of SMA Negeri 1 Kualuh Hulu, North Labuhan Batu Regency." Medan State University, (2023).
- [11] Permata, Atika Wulan and Mustaji. "Development of E-Learning Modules to Improve Learning Outcomes of Exposition Text Material for Class VIII Indonesian Language at SMP Negeri 2 Maospati Magetan." 11, no. 4 (2021).
- [12] Pratiwi, Sari Indah et al. "Increasing the Ability to Understand Mathematical Concepts of SMPN 30 Palembang Students Through Core Learning." *Journal of Mathematics Education*. 4, no. 2 (2019).
- [13] Son, Bobby Pratama. "Development of Problem-Based News Text Teaching Materials for Class XII Students of TR Sinar Husni Vocational School." Medan State University, (2020.)
- [14] Rizta, A., Siroj, RA, & Novalina, R. "Development of the Discovery-Based Circle Material Module for Middle School Students." *Element Journal* 2, no. 1 (2016).
- [15] Suryadie. "Development of a Shared Type Integrated Science Electronic Module for Class VIII SMP/MTs Students." Yogyakarta: UIN Sunan Kali Jaga, (2014).

[16]Syahrial, Asrial, Kurniawan, DA & Piyana, SO "Ethnoconstructivism E-Module: Implementation in Class V of Elementary Schools in View of Perceived Interest and Motivation." *Journal of Educational Technology*, (2019).

[17] Wahyuni, Sri et al. "Development of Core-Based Student Worksheets (Connecting, Organizing, Reflecting and Extending) to Improve Mathematical Connection Ability in Trigonometric Equations Material." *Journal of Mathematics Education*. 5, no. 2 (2021).