THE EFFECT OF ELECTRONIC LKPD TEACHING MATERIALS ON STUDENT LEARNING OUTCOMES ON PAI MATERIAL IN HIGH SCHOOL

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Abstract

This study aims to determine the effectiveness of Electronic LKPD teaching materials and invite students to be able to apply them. This research model is *library-research*, research data from primary sources and secondary data. This research uses a qualitative approach with a literature study method and then these data are processed by concept analysis. The conclusion of this research in PAI learning needs to build an atmosphere such as encouraging learning is very important to attract students' interest in absorbing and interpreting the lessons that have been delivered by educators. By contextualizing PAI material, it will make students' understanding more thorough and integrate it with other subjects that can be easily understood. When a student understands the material received, the educator can ensure that the student is able to contextualize the material. Educators' creativity and foresight to social and cultural conditions must be able to illustrate PAI material so that the material does not seem outdated and can be applied in appropriate circumstances and conditions.The results of the analysis stated that the Electronic LKPD teaching materials can help improve student learning outcomes in PAI materials. This is also to make it easier for students to understand the material and its implementation in daily life.

Keywords: *Electronic LKPD, Learning Outcomes, PAI.*

1. INTRODUCTION

According to Permendikbud number 103 of 2014, the characteristics of 21st century learning demand student-centered learning. However, in fact, the learning process is still largely teacher-centered, this causes most students to become passive (Adilla, 2018), lazy to learn, feel bored during learning, and lack understanding of the concepts of the material given by the teacher (Asrori, 2019). Therefore, teaching materials are needed for students and teachers.

In the learning process, a teacher always prepares teaching materials. With a teaching material, it makes teachers more free and easy in delivering the material that will be taught to their students. Likewise, their students will find it easier to learn even by studying independently. Teaching materials are a material that has been systematically arranged, which will be used by teachers and students in the learning process (Latifah, 2015).

According to Azizah (2021), students experience difficulties and lack of understanding of what is conveyed by educators is a problem during learning because of the learning model and also the teaching materials used by educators.

Regarding the issue of education in Indonesia, it seems that there are still many dark sides and the education and teaching system in our environment that needs a reformulation of the concept and a review of the educational paradigm towards a more progressive concept.

Based on the presentation The researcher tried to measure the learning outcomes of the participants educated by using interesting interactive teaching materials. Electronic LKPD which is an alternative option for the learning model.used to create a cool and fun learning atmosphere. This is one of the teaching materials that teachers and students most need in the electronic-based learning process is E-LKPD (Syafitri, 2020). The advantage of E-LKPD is that it can make it easier and narrow the space and time so that learning becomes more effective. In addition, E-LKPD can be an interesting tool when students' interest in learning decreases (Syafitri, 2020)

In the learning process, in addition to being supported by the existence of appropriate, good and interesting teaching materials, the role of teachers is also required to play an important role in the learning process in this class in order to create a pleasant classroom atmosphere for students. According to Haryanti (2017), media-assisted learning will produce students who can develop students' thinking and learning outcomes.

This electronic LKPD contains guide sheets developed as student facilitators who have material content, instructions and summaries for students to work on so that they can increase their abilities and information. E-LKPD is interpreted as sheets of teaching materials that refer to the basic competencies to be achieved and contain materials, summaries and procedures of learning tasks that must be done by students (Umbaryati, 2016).

In this study, The material taken is Islamic Religious Education. Because students in high school usually do not understand the material and in this PAI lesson, students have not received satisfactory grades because educators still use a one-way learning model centered on teachers. This material also applies learning that starts from the nearest thing. One of them is ourselves in the process of worshipping Allah (Arnop, 2019).

2. IMPLEMENTATION METHODS

In this study, the author uses descriptive-critical research by emphasizing more on the power of analyzing existing sources and data by relying on existing theories and concepts to be interpreted based on writings that lead to discussion.

These sources are obtained from works written by intellectuals and competent experts on education contained in the bibliography. The research process begins by compiling basic assumptions and rules of thinking that will be used in the research. These assumptions and rules of thinking are then systematically applied in the collection and processing of data to provide explanations and arguments in the form of data collection and compilation, as well as the analysis and interpretation of the data to explain phenomena with scientific rules of thinking that are applied systematically without using quantitative or normative models by classifying, assessing norm standards, relationships and positions of an element with other elements (Miles, 2014).

This research is based on library *research. Library research* is a series of activities related to the method of collecting library data, reading and recording and processing research materials. This research is a research that utilizes library sources to obtain research data. The results of the research are presented in the form of descriptive narrative texts, in accordance with the qualitative

approach used (Zed, 2004)

3. RESULTS AND DISCUSSION

In the field of education, one of the products that can be produced by educators is in the form of student worksheets (LKPD). E-LKPD is one of the right learning alternatives for students. Because E-LKPD helps to increase information about the concepts learned through systematic learning activities. E-LKPD contains practicum instructions, experiments that can be done at home, materials for discussion, and practice questions as well as all kinds of instructions that are able to invite students to activities in the learning process. LKPD helps students to be more active and avoid passivity (Prastowo, 2011). Looking at the existing facts, the researcher wants to develop a different LKPD, based on *problem solving* . Problem solving makes students think and try how to solve the problem (August 2019). Problem solving is made by adjusting students' abilities, according to content standards, and basic competencies and related to daily life so that students can easily understand (Anwar, 2019).

The need for innovative E-LKPD as teaching materials in the 21st century learning process by making E-LKPD various innovations in accordance with the needs of teaching materials and learning objectives, including guided inquiry-based E-LKPD with Flip PDF Professional. 3D *Pageflip* based *on Problem Based Learning*. E-LKPD, which aims to stimulate students' critical thinking skills, was created with an inquiry learning model. E-LKPD is based on science literacy with flipbooks. Flip PDF Professional is based on FlipBook Maker, *discovery learning* and *Contextual Teaching and Learning.* (Suryaningsih, 2021).

Project-based learning is one of the scientific activities that involves students directly. These activities can improve creative thinking skills. Creative thinking is simply a student's skill to create or find something. Creative thinking is simply a student's skill to create or find something useful for life. This ability refers to the ability that students have to solve complex problems based on real-life situations. Therefore, innovative E-LKPD students and teachers are needed for teaching materials (Suryaningsih, 2021).

In the learning process, teachers are also required to have skills in managing the classroom well. Subriantoro (2009) said that students will be less with their learning outcomes due to the teaching and learning process by only focusing on educators and not giving opportunities to their students.

When viewed from the benefits, this *E-LKPD* is expected to make the PAI learning process more fun, fun, joyful and also quality so that students can develop their knowledge and thinking. Students can fill out the electronic worksheet directly through *a cellphone*, laptop, or computer (Khikmiyah, 2021).

The Islamic values contained in the problem identification stage are explained Q.S An-Nahl [16]:43, HR. Abu Dawud : 336, and Q.S Al-Mujadilah [58]:11 who commanded to cultivate curiosity. In learning activities, students several times asked questions to educators and group mates about subject matter and others.

The advantage of this E-LKPD is that it provides a variety of features such as entering images, animations, videos, and filling in directly. Students can directly access through *their mobile phones* and can see the results of their work and see which ones are wrong when they are done. Educators can also correct students' answers by crossing out, typing, pointing, and commenting on the

worksheet. This media can also save costs because it does not use printed paper (Nurbayani, 2021).

Thus, the teaching material media which contains various features of learning variations Based on the results that have been stated above, it can be concluded that E-LKPD media that integrates Islamic values is very effective

This is supported by the results of Syafitri (2020) research which is easy to use, easy to understand, fun and effective. So that the E-LKPD developed is included in the very practical criteria, a positive response because it can be seen from the expression of students' happiness in completing this media. E-LKPD has been prepared based on the preparation requirements so that E-LKPD can help students achieve learning goals and can improve student learning outcomes.

4. CONCLUSION

Students who use E-LKPD media are more effective and good at improving student learning outcomes. E-LKPD-assisted learning in Islamic religious education lessons shows a significant influence and good response and helps students achieve their learning goals.

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