

Teachers' Perceptions of the Implementation of Computer-Based National Assessment (ANBK) in Public Elementary Schools in Payakumbuh District

Risalahi Valentina Yoga Ananda^{1*}, Ahmad sabandi²

¹² Department of Educational Administration, Padang State University, Padang, Indonesia

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ABSTRACT

This research is motivated by a phenomenon that shows a change in assessment methods that were initially implemented using manual paper to computer-based national assessments. The purpose of this study is to obtain data and information about 1) Teachers' perceptions of the implementation of computer-based national assessments (ANBK) in terms of preparation for organizing educational units, 2) Teachers' perceptions of the implementation of computer-based national assessments (ANBK) in terms of the readiness of facilities and infrastructure. This type of research is quantitative descriptive research where this research will describe, examine and explain something that is studied as it is, and draw conclusions from phenomena that can be observed using numbers. The population of this study was all teachers at the Public Elementary School in Payakumbuh District, totaling 62 people. The sample was taken using the Total Sampling technique because the population was less than 100. The research instrument used was a Likert Scale model questionnaire with five answer choices that had been tested for validity and reliability. The results of the study showed that: 1) Teachers' perceptions of the implementation of computer-based national assessments (ANBK) reviewed from the aspect of preparation for organizing educational units were implemented well with an average score of 4.53, 2) Teachers' perceptions of the implementation of computer-based national assessments (ANBK) reviewed from the aspect of readiness of facilities and infrastructure were implemented well with an average score of 4.39. Based on the results of the study, it can be concluded that Teachers' perceptions of the implementation of computer-based national assessments (ANBK) in Elementary Schools in Payakumbuh District are good.

Corresponding Author:

Risalahi Valentina Yoga Ananda

Email: risalahipyk@gmail.com

1. INTRODUCTION

Education is a fundamental aspect in national development, where the state is responsible for providing access and quality education services. To improve the quality of education, a comprehensive evaluation is needed to ensure the effectiveness of the learning system. One of the efforts made by the government is to implement the National Assessment (AN) as a replacement for the National Examination, as regulated in Permendikbudristek Number 17 of 2021.

The National Assessment aims to map and improve the quality of education through three main instruments, namely the Minimum Competency Assessment (AKM), Character Survey, and

Learning Environment Survey. AN assesses students' reading literacy and numeracy to measure critical thinking and problem-solving skills, in accordance with the needs of the era of globalization.

In its implementation, ANBK as a digital form of national assessment faces various challenges, especially in public elementary schools. Infrastructure readiness, availability of computer devices, and unequal internet access are obstacles in the implementation of this assessment. In addition, the readiness of educators in understanding and applying computer-based assessment systems is also a factor that needs to be considered.

In Payakumbuh District, several elementary schools that have implemented ANBK are still experiencing difficulties, especially related to infrastructure and teacher readiness in facing changes in this evaluation system. Some teachers still feel that they do not understand the purpose of ANBK and its technical implementation, so further training and assistance are needed. Based on these conditions, this study aims to analyze teachers' perceptions of the implementation of ANBK in Elementary Schools in Payakumbuh District.

This study will explore how teachers understand, are prepared, and face obstacles in facing this assessment. The results of this study are expected to provide an overview of the effectiveness of ANBK implementation and become input in efforts to improve the quality of education evaluation at elementary school level.

2. METHOD, DATA, ANALYSIS

This type of research is quantitative descriptive research where this research will describe, research and explain something that is studied as it is, and draw conclusions from observable phenomena using numbers. The population of this research is all teachers who located in the Payakumbuh District Elementary School totaling 62 people. The sample was taken using the Total Sampling technique because according to Sugiyono (2011) the population is less than 100, then the entire population will be used as a research sample. The research instrument used was a Likert Scale model questionnaire with five answer choices that have been tested for validity and reliability.

3. RESULT AND DISCUSSION

Result

The results of data management regarding teacher perceptions of the implementation of computer-based national assessments in public elementary schools in Payakumbuh District can be seen from several aspects, namely: 1) preparation for organizing educational units, 2) readiness of facilities and infrastructure.

Table 1. Recapitulation of data from the research on teacher perceptions of the implementation of computer-based national assessments (ANBK) in public elementary schools in Payakumbuh District

No	Teachers' Perceptions of the Implementation of Computer-Based National Assessment (ANBK)	Score Average
1	Preparation of education unit implementation	4,53
2	Readiness of facilities and infrastructure	4,39
Average		4,46

Table 1 shows that the average score of teachers' perceptions of the implementation of computer-based national assessment (ANBK) at the Sub-district State Elementary School Payakumbuh can be said to be good. If we look at the variables in more detail, used, the highest average score is found in the persistence variable implementation of educational units with an average score of 4.53 with good category. Meanwhile, the average score for the variable readiness of facilities and infrastructure, namely with an average score of 4.39, is still in the good category.

Discussion

In this section, we will explain the discussion of research results regarding Perception. Teachers' Response to the Implementation of Computer-Based National Assessment (ANBK) in

Schools The basis of the Payakumbuh District State using research instruments existing ones. The discussion of the results of this study will be described based on the indicators research, namely, 1) preparation for organizing educational units, 2) readiness of facilities and infrastructure. For a clearer discussion of the results of this study, it will be explained as follows:

Teachers' Perceptions of the Implementation of Computer-Based National Assessment (ANBK) on the Aspect of Preparation for the Implementation of Educational Units in Schools Payakumbuh District State Policy

Based on the results of the research that has been carried out, preparation for implementation Computer-Based National Assessment (ANBK) in Public Elementary Schools Payakumbuh District has been implemented well. Schools have optimize the preparation for the implementation of ANBK to the maximum. However, Each teacher has a different experience during the implementation. In general In general, they have the same perception that the ANBK policy is a good step, and they agree with its implementation. This is in line with with the theory of perception by Rahmat (2018), which states that perception formed through individual experiences and interpretations of an object or events.

Teachers who are directly involved in preparing ANBK have an understanding based on their own experience. They have witnessed and carry out the preparation process in each school, so that it is formed perception of this policy. Of the six informants interviewed, all stated that they agreed with ANBK. They argued that This assessment is very good for controlling the quality of education in Indonesia. and in line with the demands of an increasingly digital era.

In preparation for implementing ANBK, schools need to understand and allocate the appropriate budget. This process should follow the instructions technical matters that have been determined by the central government. Based on the Regulation Minister of Education, Culture, Research, and Technology No. 17 of 2021, Each educational unit is required to prepare a budget for implementing ANBK, conducting assessments in educational units, and ensuring readiness assessment participants, both students and educators.

This study also shows that ANBK preparation in Elementary Schools The Payakumbuh District has been implemented well. The results of the questionnaire given to teachers shows that the preparation aspect the implementation of ANBK in educational units received an average score of 4.53, which is included in the good category. However, the budget and cost aspect has the lowest average score, namely 4.21,

although it is still in the good category. This score shows that even though The school has tried to provide a sufficient budget, it still exists challenges in ensuring financial readiness, especially in supporting teacher training for the implementation of ANBK.

Teachers' Perceptions of the Implementation of Computer-Based National Assessment (ANBK) on the Aspect of Readiness of Facilities and Infrastructure in Public Elementary Schools Payakumbuh District

Facilities and infrastructure are important elements in every activity because it functions as a supporting tool that helps smooth and efficiency of the work process. The completeness of facilities and infrastructure has a great influence towards the success of an activity. With adequate facilities, activities can run more easily and the results obtained will be more quality. The existence of facilities and infrastructure has several main benefits, namely: including simplifying and speeding up work processes, improving productivity, and produce higher quality output. With with complete facilities, work can be well coordinated, so that efficiency and effectiveness increase.

In an institution or organization, facilities and infrastructure are very much needed. support the continuity of its operations, including in the implementation Computer-Based National Assessment (ANBK). As the name suggests, ANBK requires a computer device as the main tool. In addition, the network internet, tables, chairs and a special room are also needed so that the assessment can be carried out. running optimally.

The government is aware of the importance of facilities and infrastructure in supporting the success of ANBK, thus providing a budget for schools in throughout Indonesia. However, there are still obstacles in several areas, especially schools located in remote areas with limited internet access limited. The lack of these facilities has an impact on the quality of education in the area.

Based on the results of research at the Payakumbuh District Public Elementary School, almost All schools have implemented ANBK well thanks to support adequate facilities. The teachers

feel that the facilities and infrastructure that provided by the government is sufficient to run this program, including in processing data sent to the national level for system mapping learning.

Teachers' Perceptions of the Implementation of Computer-Based National Assistance (ANBK) at the Payakumbuh District Public Elementary School

In general, teachers' perceptions of the implementation of the National Assessment Based on Computers (ANBK) at the Payakumbuh District State Elementary School can be said to be good, with an average score of 4.46. As has been reviewed Previously, ANBK aimed to evaluate the quality of education and provide a comprehensive overview of the quality of education in each education units.

ANBK has the main objective of assessing the quality of education, especially in the context of broader school autonomy. With greater freedom big for educational units in managing their affairs, efficient utilization of educational resources can increase because schools are more understand their own needs (Safarudin, 2008: 158).

The demand for quality assurance in the world of education is a natural thing. because quality education is part of public accountability. All stakeholders, such as parents, communities, organizations, the world of work, and the government, have a role in ensuring provision of quality education (Sagala, 2004: 144). From this perspective, the ANBK strategy is considered to be able to help schools. provide better education programs. If all the needs education, such as facilities and infrastructure, teacher welfare, and budgetadequate, can be fulfilled, then the school is expected to be able to produce quality graduates according to expectations.

Based on the research results, what schools need most is Realizing ANBK is a sufficient budget and complete facilities and appropriate infrastructure. The results of the study showed that teachers' perceptions regarding the implementation of ANBK in the aspect of preparation for implementation and readiness of infrastructure facilities obtained an average score of 4.46, which indicates that this program has been implemented well. However, there are several weaknesses in this study, such as limited observations introduction and honesty factors of respondents in filling out the questionnaire, which the possibility of making research results slightly different from initial expectations writer.

4. CONCLUSION

Based on the research results that have been presented in the previous section in relation to Teachers' Perceptions of the Implementation of National Assessment Based on Computer (ANBK) at Payakumbuh State Elementary School, then it can be withdrawn the following conclusions: 1) Teacher perceptions of the implementation of the National Assessment Computer Based Learning (ANBK) in the aspect of preparing for the implementation of educational units is in the good category with an average score of 4.53. 2) Teacher Perception of implementation of computer-based national assessment (ANBK) on the aspect of facility readiness and infrastructure are in the good category with an average score of 4.39. The results of the study it can be concluded that Teachers' Perceptions regarding the implementation of national assessments computer-based (ANBK) at the Payakumbuh District State Elementary School has Good.

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