

## RESEARCH ARTICLE

# STRENGTHENING UNDERSTANDING OF NATIONAL ASSESSMENT QUESTION MATERIAL THROUGH REVIEW OF QUESTION MATERIAL AND INTRODUCTION TO COMPUTER DEVICES IN CLASS V STUDENTS OF KANDANGAN STATE PRIMARY SCHOOL

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## ABSTRACT

The researcher's aim in studying this phenomenon is based on the National Assessment replacing the PBB which is designed as an evaluation carried out by the government to assess the quality of educational services in educational units with the aim of improving and increasing the quality of student learning on an ongoing basis. This requires careful preparation from both educators and students. ANBK questions consist of reasoning questions which make students feel confused when working on them. Therefore, a strategy is needed by teachers to provide additional study hours for students to review and discuss the questions that will be tested during ANBK implementation. Apart from that, students are also trained to know and operate computers, which is the most important part of preparing students for ANBK.

**Keywords:** (*Education, ANBK, Technology*)

## INTRODUCTION

Computer-Based National Assessment (ANBK) has become a hot topic in the world of Indonesian education. Known as an effort to improve the quality of education, ANBK is often a center that provides warmth in the educational environment. There are those who consider ANBK as the key to achieving success in the future, but the majority also predict that it will be a new thing that will require quite a long time. ANBK is designed as a comprehensive evaluation tool to measure students' overall learning achievements. ANBK is carried out online using a computer, which allows easy access to assessment materials as well as efficiency in the assessment process and analysis of results. Not only focusing on memorizing material, ANBK also measures reading literacy skills, numeracy, or better known as the Minimum Competency Assessment (AKM), as well as the character

survey. Reading literacy measures students' ability to understand texts, analyze information, and present arguments. Meanwhile, numeracy literacy measures students' ability to use mathematical concepts to solve everyday problems. The character aspects assessed include values such as integrity, responsibility, mutual cooperation and adaptability. In ANBK there is also a Learning Environment Survey, which assesses the learning climate in schools, including between students, relationships with teachers, and facilities that support the learning process.

The main aim of ANBK is to get an accurate picture of the quality of education in an educational unit, so that targeted improvements can be made. Data obtained from ANBK is an important reference for schools, education offices and policy makers in designing education quality improvement programs. By knowing students' strengths and

weaknesses, schools can develop more effective learning programs. Meanwhile, the government can allocate resources more appropriately to improve the quality of education nationally.

ANBK helps students identify their strengths and weaknesses. ANBK, as a comprehensive evaluation tool, does not just provide a final score. More than that, ANBK functions as a mirror that reflects the abilities and potential of each student. By analyzing ANBK results, students can get a clear picture of the aspects they have mastered well and on the other hand, which areas need improvement. They can also allocate more time and energy to subjects that are considered difficult. Apart from that, students can also choose extracurricular activities or take part in self-development programs that suit their interests and talents. In this way, the learning process becomes more focused and meaningful.

Not only that, the ANBK results can also help students in determining their choice of major or study program in college. By knowing their interests and talents, students can choose the appropriate study program and have a greater chance of achieving success. This will reduce the risk of choosing an unsuitable major and increase satisfaction with studying in college.

However, not all school institutions have thorough preparation in facing ANBK. This results in students feeling less prepared and ultimately the results obtained are less than satisfactory. Several factors that can cause a lack of preparation include, Limited resources, such as sufficient computers, stable internet connections, or complete reference books, Teachers also need adequate training in the form of effective guidance to students in facing ANBK. Without sufficient training, teachers may have difficulty identifying students' learning difficulties and providing appropriate solutions, A dense curriculum and lots of school assignments can make students feel burdened and not have enough time to practice ANBK questions, and Lack of Motivation. Students who think ANBK is not important or do not have strong motivation to study will tend to be less serious about preparing themselves.

In an effort to maximize students' understanding to prepare themselves to face the Computer-Based National Assessment (ANBK), students get additional hours after core learning takes place, namely by reviewing ANBK questions from the previous year and discussing the questions one by one so that later the question pattern will emerge during the actual exam. As a teacher and homeroom teacher in grade 5, it is your obligation to further improve students' understanding in facing national assessments.

## METHOD

This research uses a qualitative approach with a phenomenological method, which focuses on the personal experiences of teachers and homeroom teachers in grade 5 in implementing a new paradigm in the form of implementing computer technology-based educational assessments at the elementary school level. This research was conducted at the Kandangan State Elementary School from September to November 2024, using three data collection techniques: interviews, observation, and documentation. Interview techniques were used to explore detailed information about the teacher's strategy in an effort to maximize students' knowledge of the questions that will be tested on ANBK and introduce technology to students as a preparation for the next level. Observation techniques are used to collect data about facts and matters relating to students' preparation for facing the National Assessment at the elementary school level. Documentation techniques are used to collect data related to the implementation of research, such as text, images, etc., which relate to students' preparation for facing the National Assessment at the elementary school level.

## RESULTS

### A. Implementation of Strengthening the Minimum Competency Assessment and Character Survey on ANBK Questions

After the issuance of circular letter from the Minister of Education and Culture Number 1 of 2021 concerning the abolition of the National Examination and its replacement with AN, all elementary school components, including

principals, teachers and students, began to prepare themselves. This includes preparing modules or books as learning materials and carrying out simulations in schools with adequate facilities. limited. Internal preparation begins with training students to use computers. ANBK can be used to demonstrate the reading literacy skills of each student. This can be used as an evaluation tool to improve students' literacy skills. The purpose of this evaluation is to obtain accurate data about the quality of education in educational units, which in turn will have an impact on the Education Report Card in each educational unit. so that repairs can be carried out in the right way. Schools, education agencies, and policy makers can use ANBK data to build programs that improve the quality of education. ANBK is a quality assessment program used by every school, madrasah, and equality program in primary and secondary schools. Later, assessments will be carried out based on students' basic abilities, through Minimum Competency Assessments such as literacy and numeracy. Literacy is not only the ability to read, but also the ability to analyze and understand the concepts behind writing. Numeracy is the ability to apply number concepts and counting skills in everyday life and understand the quantity information around us. Learning environment surveys and character surveys are intended to measure students' character development as one of the learning achievements. The data collected aims to guide teachers and schools towards improving the quality of learning. With the results of a thorough analysis of the data studied, teachers can find out what problems their students are facing. For example, if assessment results show that most students have difficulty understanding mathematical concepts, teachers may consider creating more interactive lesson plans and using more learning media to explain these ideas. This will require additional learning time, which originally in grade 5 only focused on core learning. The following is a photo of me taking part in the guidance and review of ANBK questions



**Figure 1.** Guidance and review of ANBK questions

In this digital era, it is easier for students to access the internet and must be accompanied by their parents to prevent unwanted things from happening. Considering the wide reach of knowledge via the internet. Most students can only master gadgets rather than operating computer devices and there are quite a few students who are not yet familiar with computers/laptops, so teaching is needed in operating computer devices.

Therefore, to prepare students to carry out ANBK, it is very important for them to take part in an ICT learning program. ICT literacy includes more than just the ability to read and use information provided by ICT devices, it includes the ability to compare and think about information critically. Not only for students, but also for educators, ICT knowledge must be acquired. It is very important for teachers to gain understanding and skills about ICT literacy and the development of ICT-based learning media. To provide students with an understanding of the computer components that will be used in the ANBK activity, students then simulate using a computer, learning about monitors, keyboards, mice and keyboard keys. In particular, the aim of ANBK is to gradually monitor developments in the quality of education. ANBK is designed to improve students' reading skills. This allows measuring the literacy level of each learner.

## B. Teacher Barriers in Implementing ANBK Question Practice

Most grade 5 teachers face a number of challenges when practicing ANBK questions. One of the obstacles is that many students lack focus during lessons, especially after attending core learning sessions, making it difficult for them to grasp the material well. This tired condition causes some students to tend to underestimate ANBK questions. ANBK questions themselves tend to focus more on reasoning or story questions, which if not done with focus, it will be difficult to find the right answer. However, the teachers' efforts in ensuring the smooth implementation of ANBK deserve appreciation, especially because there are questions that are quite difficult to test on elementary school level students. The implementation of ANBK also takes into account the processing time which starts from when the students start working on the questions. This is very important, especially when it comes to numeracy or arithmetic operations, which require a high level of concentration from students.

Therefore, to prepare students to face ANBK, class 5 teachers place more emphasis on the question and answer process so that students can express their lack of understanding of the questions that will be tested. Start with literacy questions which emphasize the process of reading the questions in turn and discussing the questions one by one by the teacher. Then on the Numeracy questions, the teacher will also explain the pattern or how to count correctly with relatively fast accumulation of time so that during the exam they are able to recognize the questions and calculate quickly. There are many students who experience difficulties when trying to understand the questions and how to calculate them. This activity is carried out 3 times a week before the main ANBK implementation. This is useful for refreshing students so they don't get bored when reviewing ANBK questions.



**Figure 2.** Implementation of Main ANBK

## DISCUSSION

In carrying out tutoring activities outside of learning hours, there are several challenges that must be faced, for example students' focus is starting to decrease. The National Assessment start in 2021. It has been running for about 4 years. Each class has a different level of challenge. This time the 5th grade teacher was faced with students who needed extra handling. Because most students have different diagnoses in receiving learning. Lack of respect and the habit of underestimating learning is quite a challenge felt by an educator

## CONCLUSION

Computer-Based National Assessment is something new after the National Examination (UN) was abolished. Most teachers complain about this, for several reasons, especially older teachers who find it difficult to adapt to current technological developments. Only a few teachers are still enthusiastic about learning even though they are no longer young. Therefore, teachers need enthusiasm in teaching in the current technological era to advance students' potential in facing the next era. ANBK is designed as a comprehensive evaluation tool to measure students' overall learning achievements. The main aim of ANBK is to get an accurate picture of the quality of education in an educational unit, so that targeted improvements can be made. Data obtained from

ANBK is an important reference for schools, education offices and policy makers in designing education quality improvement programs. By knowing students' strengths and weaknesses, schools can develop more effective learning programs. In an effort to provide an understanding of the question material that will be tested during the implementation of the ANBK, as a grade 5 teacher, you are required to develop a strategy in providing coaching and guidance to students to prepare them to face the Computer-Based National Assessment (ANBK).

Start by adding study hours after core learning is complete. This lesson includes a review of ANBK questions which can be accessed via the ANBK simulation website and examples of previous year's ANBK questions. It is hoped that this activity can train students to recognize the pattern of questions that will be tested during the ANBK implementation. The difficulties experienced by students when this additional learning takes place are, starting from the lack of focus of students, there are reasoning questions that are classified as difficult to test on elementary school students, and limited understanding of technology even though in this digital era many students are still at the elementary school level. Elementary schools are already proficient in using technological tools in the form of gadgets but they still have difficulty operating computers/laptops. Start typing on the keyboard, operating the mouse and more.

So intensive training is needed so that class 5 students are able to prepare themselves to face ANBK. Starting from the question material which contains the Minimum Competency Assessment which consists of Literacy and Numeracy questions, then they will carry out a character survey to measure the development of students' character as one of the learning outcomes.

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