



MANAGEMENT OF INFRASTRUCTURE FACILITIES IN IMPROVING THE QUALITY OF EDUCATION IN SDN DESA SUNGAI PANTAI, RANTAU BADAUH SUB-DISTRICT, BARITO KUALA DISTRICT

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ABSTRACT

This study aims to analyze the management of infrastructure facilities in improving the quality of education at SDN Desa Sungai Pantai, Rantau Badauh Sub-district, Barito Kuala Regency. This study used a qualitative approach with interview, observation and documentation methods to collect data from principals, teachers, school guards, school committees and student guardians from three different primary schools in Sungai Pantai village. Based on interviews with relevant parties at the three primary schools in Sungai Pantai village, it can be concluded that infrastructure management plays a very important role in improving the quality of education. Adequate infrastructure, such as comfortable classrooms, complete libraries, science laboratories and adequate sports areas, provide opportunities for students to learn and develop to their full potential. In addition, good infrastructure management involves regular maintenance and care of school facilities. Government and community support is also very important in maintaining the condition of infrastructure facilities and meeting the required standards. Cooperation between the government, school and community is needed to ensure optimal infrastructure conditions. The results also show that good infrastructure management has a positive impact on the learning process. Students can learn comfortably and optimally, teachers can teach effectively, and learning activities can be interactive and diverse.

Keywords: management, facilities and infrastructure, quality of education

INTRODUCTION

Management refers to the process of planning, organizing, directing, and controlling resources in order to achieve predetermined goals. It includes program planning, resource allocation, arrangement of activities, monitoring of implementation, and evaluation of results and necessary improvements. Management aims to ensure that guidance and counseling services can run well in accordance with the vision, mission, and programs of the school and meet the expectations of the stakeholders involved (Jarkawi et al., 2020).

Education plays an important role in the nation's development and competitiveness. To improve the quality of education, it is important to pay attention to educational facilities and infrastructure (Marie & Aini, 2021). The quality of education can be

affected by the lack of adequate facilities and infrastructure. Well-equipped facilities and infrastructure, such as safe practice rooms and complete teaching aids, can have a positive impact on teaching and learning activities. The National Education Standards also emphasize the importance of facilities and infrastructure, which include various spaces and supporting infrastructure (Siregar, 2019).

The construction of school facilities and infrastructure must meet the minimum standards set. The management of educational facilities and infrastructure involves efficient and effective programming, logistics, organization and use (Hartoni, 2018). Educational administration also has an important role in organizing and managing educational facilities and infrastructure. In the context of educational institutions, administrators or managers of school facilities



and infrastructure are responsible for maximizing the optimal use of facilities and infrastructure (Ainiyah & Husnaini, 2019).

At SDN Sungai Pantai 1, there are several rooms that have not been properly inventoried and need repairs. The lack of administrative staff and teachers is also a problem in some schools. The appointment of new honorary staff is also an issue. This shows the importance of repairing and maintaining educational facilities and infrastructure to improve the quality of the learning environment for students.

This research will focus on the management of educational facilities and infrastructure at Sungai Pantai Village primary school. The aim is to analyze the management of educational facilities and infrastructure as an important factor in improving the quality of education at SDN Desa Sungai Pantai, Rantau Badauh Sub-district, Barito Kuala District. In this context, attention is needed to improve facilities and infrastructure and the effectiveness of management in supporting the learning process.

METHOD

This study used a qualitative approach to examine the management of infrastructure facilities in improving the quality of education at SDN Desa Sungai Pantai, Rantau Badauh District, Barito Kuala Regency. Qualitative methods are used to understand the experiences, perceptions and actions of research subjects in the real context.

The data collection technique used was interviews with principals from three primary schools, namely SDN Sungai Pantai 1, SDN Sungai Pantai 2 and SDN Sungai Pantai 3. Interviews were conducted with principals to gain an in-depth understanding of how they manage and utilize existing infrastructure

facilities in an effort to improve the quality of education.

By using qualitative methods and interview data collection techniques, this research is expected to provide an in-depth understanding of the management of infrastructure facilities in improving the quality of education at Sungai Pantai Village primary school. The results of this study are expected to provide a basis for schools and related parties to identify strengths and challenges in managing educational infrastructure and develop effective strategies to improve the quality of education in the area.

RESULT AND DISCUSSION

Based on the results of an interview with the principal, Mr YN, regarding the quality of education at SDN Sungai Pantai 1 as follows:

"As the principal of SDN Sungai Pantai 1, I routinely evaluate student pass rates by analyzing final exam results and looking at student grade point averages as an indicator of academic performance. The evaluation forms the basis for planning effective learning programs and providing additional support to students who need it. I also assess students' skills through class observations, projects and assignments. To monitor student attendance, we involve parents and conduct daily monitoring. The quality of teachers is very important; therefore, I conduct regular teacher performance evaluations and provide training and collaboration between teachers. In terms of educational facilities and infrastructure, we evaluate the number of classes and learning spaces and pay attention to the condition of facilities, equipment and cleanliness regularly. The availability of learning resources is maintained through collaboration with teachers and library management. Student security, safety and health are maintained through security protocols,



cooperation with related parties and adequate health facilities. We also pay attention to school accessibility by providing safe school transportation, friendly physical facilities and communication with parents. In planning for the beginning of the fiscal year, we conduct an evaluation of infrastructure facilities, discuss repair plans, and apply for assistance to the Regional DAK fund. We also organize teachers' schedules to manage infrastructure effectively."

In addition, researchers also conducted an interview with the Principal of SDN Sungai Pantai 2, namely Mr. YH, who said that:

"As the principal of SDN Sungai Pantai 2, I evaluate student pass rates by examining final exam results and comparing them with the set passing standards. I also look at the students' grade point average as a measure of overall academic performance. I analyze students' test and evaluation results to find their strengths and weaknesses, from which I design more effective remedial programs and curriculum development. In evaluating students' skills, I conduct classroom observations, practical exams, and interact with them in extracurricular activities. I monitor student attendance with daily attendance and coordinate with the school custodian to address attendance issues. Evaluation is also done on the number of classes and learning spaces, the condition of facilities and infrastructure, and the availability of adequate learning resources. Security and safety are maintained through supervision, security protocols and the participation of students, teachers and staff in maintaining a safe school environment. We also maintain cooperation with the nearest health center, conduct health counseling, and ensure adequate first aid equipment is available. School accessibility for students is

taken care of by optimizing public transportation, friendly physical access facilities, and communication with related parties. In planning for the beginning of the fiscal year, we conduct an evaluation of infrastructure facilities, hold school meetings to plan improvements such as IT lab space, damaged learning tools, and rehabilitation of classrooms and toilets. BOS funds and regional DAK requests are used to support this planning. Although there is no dedicated staff for infrastructure management, we arrange schedules for class and subject teachers to manage and utilize the facilities for learning, maintaining cleanliness, safety and tidiness."

Meanwhile, Mr. BS, the principal of SDN Sungai Pantai 3, said that:

"As the principal of SDN Sungai Pantai 3, we evaluate student pass rates based on the percentage of students who pass their final exams and their average scores. We involve the teaching team in analyzing test results and student evaluations to formulate improvement strategies and develop learning programs. To evaluate students' skills, we conduct direct observation, practical activities, and the use of appropriate assessment tools. We also monitor student attendance, communicate with parents, and implement incentive programs and corrective actions to improve attendance rates. In assessing teacher quality, we involve school supervisors in classroom observations, provide constructive feedback and conduct professional development activities. We also involve students and parents in the assessment process by gathering feedback through surveys and regular meetings. In terms of infrastructure management, we evaluate the number of classes and learning spaces and conduct regular infrastructure condition assessments to ensure the safety and



appropriateness of learning spaces. We work closely with teachers and related parties to ensure the availability of adequate learning resources and plan infrastructure improvements such as lab space, damaged learning tools, and rehabilitation of classrooms and toilets. Security, safety, health facilities and school accessibility are also our concerns."

In an effort to improve the quality of education at Sungai Pantai Village Primary School, planning for facilities and infrastructure is an important step taken by the principal and related parties. Through the school meeting forum, the procurement of educational facilities such as classrooms, libraries, laboratories and sports areas can be carefully planned. In an interview with the principal of SDN Sungai Pantai 1, it was mentioned that the evaluation of student graduation rates and student grade point averages is the basis for planning effective learning programs. These evaluations help principals identify students' strengths and weaknesses so that learning programs can be tailored to students' needs.

In an interview with the principal of SDN Sungai Pantai 2, the importance of evaluating student pass rates and student skills in formulating curriculum improvement and development programs was emphasized. Through classroom observations, practical exams and extracurricular activities, principals can gain a deeper understanding of students' abilities. These evaluations assist the principal in determining the appropriate remedial programs to improve the quality of education in the school.

Meanwhile, in an interview with the principal of SDN Sungai Pantai 3, she explained that evaluating student pass rates, student skills and teacher performance are the main focus in improving education quality.

Through classroom supervision, student observation and teacher professional development, principals can ensure that the learning process runs well and teachers have adequate skills (Sopian, 2019). This evaluation also assists the principal in planning relevant improvement and development programs to meet students' educational needs.

The provision of adequate facilities and infrastructure is a key step in improving the quality of education at SDN Desa Sungai Pantai. The provision of adequate classrooms, a library complete with a collection of relevant books, a well-equipped laboratory and an adequate sports area create a conducive learning environment for students. Through the proper arrangement of facilities and infrastructure, principals can create an optimal learning environment and facilitate interactive and varied learning activities (Ginanjar & Jundullah, n.d.).

In an interview with the principal of SDN Sungai Pantai 1, it was stated that the management of infrastructure and facilities is done through regular evaluations of the condition of classrooms, equipment and cleanliness. This evaluation is important to ensure that educational facilities and infrastructure are in good condition and suitable for use by students. Routine maintenance and repairs are also carried out to maintain the functionality and safety of infrastructure facilities.

The principal of SDN Sungai Pantai 2 also highlighted the importance of evaluating the number of classes and learning spaces and monitoring the condition of facilities and infrastructure on a regular basis. These evaluations help principals determine the optimal learning space needs and ensure the adequate condition of facilities and infrastructure. In terms of the availability of



learning resources, principals work closely with teachers and related parties to ensure the availability of relevant books, teaching materials and technological devices.

In an interview with the principal of SDN Sungai Pantai 3, managing facilities and infrastructure also involves evaluating the number of classes and learning spaces, as well as regularly monitoring the condition of facilities and infrastructure. This aims to ensure the safety, comfort and appropriateness of learning spaces for students. In terms of the availability of learning resources, the principal works closely with teachers and related parties to identify learning needs, manage the school library with relevant collections and ensure students' access to adequate books and learning materials (Isnaini et al., 2021).

Student safety, security and health are also concerns in the management of facilities and infrastructure. The principals of SDN Sungai Pantai 1, 2 and 3 maintain student safety and security through the implementation of security protocols, close supervision and cooperation with related parties such as the police and security forces. In addition, adequate health facilities are also maintained through collaboration with local health authorities, regular health checks, and the provision of a first aid center (Nurstalis et al., 2021).

School accessibility for students is also a concern for the principal. Through the optimization of public transportation, friendly physical access facilities and communication with relevant parties, the principal strives to ensure that all students have easy and adequate access to the school (Ariyani, 2020). In planning for the beginning of the fiscal year, an evaluation of infrastructure is conducted to plan for necessary infrastructure

repairs and procurement. BOS funds and requests for assistance from regional DAK funds are used to support this planning.

In interviews with the principals of SDN Sungai Pantai 1, 2 and 3, it was mentioned that the proper use of facilities and infrastructure has a positive impact on improving the quality of education. By scheduling school members to maintain, organize and use facilities and infrastructure, an effective, safe and enjoyable learning environment is created (Nugraha, 2019). The proper use of facilities and infrastructure is a key factor in creating a conducive learning environment, improving the quality of teaching and promoting students' academic and non-academic achievements at SDN Desa Sungai Pantai.

In conclusion, the procurement, organization and proper use of facilities and infrastructure are important factors in improving the quality of education at Sungai Pantai primary school. Regular evaluations of student pass rates, student grade point averages, student skills and teacher performance form the basis for planning improvement and development programs. Attention is also paid to student attendance, teacher quality, school security, safety, health and accessibility. The provision of adequate facilities and infrastructure creates a conducive learning environment, while proper organization and use improves the quality of teaching and student achievement.

CONCLUSION

Based on the results of the research and discussion above, it can be concluded as follows:

1. In an effort to improve the quality of education at SDN Desa Sungai Pantai, planning for facilities and infrastructure has been carried out. This planning is done



through a school meeting forum to procure facilities either through the BOS school fund or through a request for regional assistance from the DAK fund. This research shows that careful planning of facilities and infrastructure can create an optimal learning environment for students, facilitating interactive and varied learning activities.

2. Procurement of facilities and infrastructure is a key step in improving the quality of education at Sungai Pantai primary school. Through interviews with various related parties, such as the principal, teachers, school guards, school committee and student guardians, it was found that the procurement of adequate facilities, such as adequate classrooms, a complete library, a well-equipped laboratory and an adequate sports area, provides opportunities for students to learn and develop optimally. The procurement of these facilities and infrastructure aims to create a conducive learning environment.
3. In improving the quality of education at Sungai Pantai Village Primary School, the management of facilities and infrastructure is carried out with various steps. Through periodic evaluations, the implementation of SOPs for facilities and infrastructure, routine maintenance and repairs carried out by the school, teachers, school guards and the school committee, it was found that the management of educational facilities and infrastructure can run effectively and sustainably. All parties work together to ensure the availability of adequate learning spaces, good facilities, maintained security, maintained cleanliness and easy accessibility for students. This arrangement of facilities and

infrastructure is the foundation for the success of the learning process and the improvement of the quality of education in the school.

4. The proper use of facilities and infrastructure has had a positive impact on improving the quality of education at Sungai Pantai primary school. By scheduling school members to maintain, organize and use infrastructure facilities, such as comfortable classrooms, a complete library, a science laboratory equipped with sophisticated equipment and an adequate sports area, an effective and enjoyable learning environment is created. The proper use of facilities and infrastructure is a key factor in creating a conducive learning environment, improving the quality of teaching and promoting students' academic and non-academic achievements at SDN Desa Sungai Pantai.

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