

Management of Infrastructure Facilities in the Learning Process of Students (Case Study: MIN 1 Bener Meriah)

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Abstract: The more complete the facilities and infrastructure a school has, the easier it will be for teachers to carry out the learning process and the infrastructure is very much needed in the educational process. Like MIN 1 Bener Meriah, which has to implement a learning system alternately due to the lack of classrooms. The purpose of this study is to describe the management of educational facilities and infrastructure at MIN 1 Bener Meriah as an effort to maximize learning. This research is a qualitative type of data collection using observation, interviews, and documentation. And using data analysis using the Miles and Huberman model. Based on the findings of the management of educational facilities and infrastructure at MIN 1 Bener Meriah, namely: (1) Planning for educational infrastructure based on an analysis of the needs and number of APBS, (2) Procurement of educational facilities and infrastructure using purchases, grants / gifts from student guardians, and also submitting proposals to related parties. So that we can know if the complete facilities and infrastructure can be utilized properly, the learning process of students can run well.

Keywords: Facilities, infrastruktural, learning learners, management.

Introduction

The success of all activities carried out in an educational institution is strongly supported by the existing infrastructure in an educational institution effectively and efficiently (Fatmawati dkk., 2019), The more complete the facilities and infrastructure that a school has, it will make it easier for teachers to carry out the learning process and infrastructure is needed in the educational process so that it is able to carry out all learning activities and services to all students and school personnel (Triyono, 2019). According to (Novita, 2017) an educational institution will find it difficult to carry out the educational process if there are no facilities and infrastructure that even has the potential to make the education fail to operate.

Means in the Big Indonesian Dictionary are defined as anything that allows them to be used as tools to achieve a certain goal directly (Ellong, 2018), such as rooms, library books, laboratories and so on (Prastyawan, 2016). Meanwhile,

infrastructure is all educational facilities that indirectly support the process of implementing education in the school, such as: yards / fields, gardens, school gardens, roads to schools, places of worship and others (Novita, 2017). Thus, so that the fulfillment of facilities and infrastructure can run effectively and efficiently requires a proper needs analysis in its fulfillment (Prastyawan, 2016).

Many previous studies have discussed educational facilities and infrastructure such as in Mona Novita's scientific work which states that facilities and infrastructure are the spearhead of the success of an education and are further discussed by Fatmawati et al. In her scientific work which explains that educational facilities and facilities require utilization. and more intensive maintenance. From previous research that became the author's reference, no one has discussed in detail the management of educational facilities and infrastructure in the learning process at MIN 1 Bener Meriah. So this research is important to do as

a scientific development and become a reference in improving educational facilities and infrastructure.

MIN 1 Bener Meriah is one of the favorite elementary schools in Blang Sentang Village, Bener Meriah, Aceh. Based on the results of preliminary observations at MIN 1 Bener Meriah, the number of students does not match the number of classes so that in the learning process students must carry out learning with the shift / alternating model at each class level. Thus, as a writer interested in discussing more deeply about the management of educational facilities and infrastructure in the learning process at MIN 1 Bener Meriah.

Methods

Type of research

This research uses qualitative research. According to Miles and Huberman, the existence of qualitative research methods is influenced by the naturalistic-interpretive paradigm (Somantri, 2005). This type of qualitative research is defined as research that does not involve statistics and numbers, the purpose of which is to explore an object of the research (Gunawan, t.t.).

Data collection

Collecting data used in this study using observation techniques carried out in pre-research and also at the time of research. Then conduct

interviews with (3) teachers who are the first object of this research, (4) students who are the objects who carry out learning activities at MIN 1 Bener Meriah, and also the principal who is the manager of every activity carried out at MIN 1 Bener Meriah. Then in this study the researchers collected data with documentation. The technique of collecting data in a study by doing open interviews, observations and also documentation that collects data that comes from documents in the school (Sidiq dkk., t.t.).

Data analysis

The data analysis that the researchers used in this study used the data analysis model of Miles and Huberman. For the first step, the researcher conducted data reduction by collecting as much data as possible about the role of the teacher and the collaborative learning process, then the researcher displayed the data by sorting and selecting the data that had been collected, and the last stage the researcher carried out a conclusion which was the stage of drawing conclusions and from the data Researchers have been collective researchers and selective researchers. Data analysis using Miles and Huberman in qualitative research was carried out when data collection was carried out and after completing the collection of the necessary data using three stages, namely reduction, display, and conclusion (Sugiono, 2018).

Results and Discussion

Table 1. The Condition of Facilities and Infrastructure of MIN 1 Bener Meriah.

Source of Madrasah land	Land status (square area) m ²			Not yet a certificate
	Right of Ownership	Building Rights	Cultivation Rights	
Government	-	-	-	-
Independent / buy yourself	-	-	-	-
Waqf / Donations / Grants	1920	-	-	-
Borrow / Rent	-	-	-	-

Table 2. Land Area According to Use.

Land Use	Luas (m ²)
Total land area	1920
Building	576
Field / yard	1344
Other Worn	-
Have not been used	-

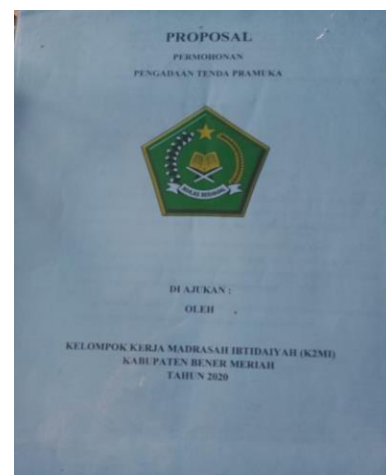
Table 3. Building Condition.

No	Room	Permanent			Semi-Permanent			Emergency		
		Good	Light Damage	Heavy Damage	Good	Light Damage	Light Damage	Good	Light Damage	Light Damage
1	Classroom	5	4	-	1	-	-	-	-	-
2	Headroom	1	-	-	-	-	-	-	-	-
3	Teacher's room	-	-	-	-	1	-	-	-	-
4	TU Room	-	-	-	-	-	-	-	-	-
5	Teachers WC	-	1	-	-	-	-	-	-	-
6	Student WC	-	5	-	-	-	-	-	-	-

It has become commonplace that educational infrastructure has a very large influence in educational institutions, although in the form of educational facilities and infrastructure it is still needed in the course of the educational process because infrastructure is also an element of education itself (Triyono, 2019). With the existence of adequate educational facilities and infrastructure, it is also hoped that it will produce higher quality output (Ellong, 2018). In the management of educational facilities and infrastructure, a school institution is important to carry out good management so that the facilities and infrastructure can be used as well as possible (Soraya & Supadi, 2020).

Result-1 (Planning for Facilities and Infrastructure at MIN 1 Bener Meriah)

In the planning stage carried out at MIN 1 Bener Meriah is carried out based on the analysis of the needs needed at MIN 1 Bener Meriah as a learning medium for students both intracurricular, co-curricular and extracurricular programs which are basically taken based on the results of the work meeting of the principal and the teacher council as a form of effort to maximize the learning activities of students at MIN 1 Bener Meriah.

**Figure 1.** Proposal for Submission of Scout Tents.

Planning is the initial stage for designing and determining the things to be done (Ananda dkk., 2020), This is also in accordance with the statement that the limitations of school facilities and infrastructure will greatly affect the process of educational activities at the school, in the sense of the word that infrastructure also plays a big role in the entire process of activities in a school (Megasari, 2014). Which according to (Hinun, t.t.) in the planning strategy of facilities and infrastructure in a school, it is necessary to develop policies, prioritize each goal and also take action from the plan.

The first step in planning the facilities and infrastructure in education is to conduct a needs analysis and evaluate all educational facilities and infrastructure both inside and outside the classroom (Nasrudin & Maryadi, 2018).

Result-2 (Procurement of educational facilities and infrastructure at MIN 1 Bener Meriah)

MIN 1 Bener Meriah carries out procurement from various sources, such as submitting proposals to

the Education and Sports Office for assistance such as scout tents, basketball, soccer balls, nets and other sports equipment and all media that directly or indirectly support the learning process of students. And also get grants from the parents of students. Procurement is also carried out by purchasing according to the available budget.



Figure 2. The condition of MIN 1 Bener Meriah's narrow field.

Procurement can be interpreted as an effort to obtain goods / objects and also take the form of services to an organization (Kementerian Pekerjaan Umum dan Perumahan Rakyat & Rizki, 2018), which according to Olagboye in Abdulkareem and Fasasi states that educational facilities and infrastructure in the learning process in schools consist of many physical resources, display materials, consumable materials and non-consumable materials (Souck & Nji, 2017). The purpose of planning the educational facilities and infrastructure itself is to obtain an educational process that runs effectively and efficiently, as for this method of procurement, there are several types, including purchases, borrowing goods if needed, exchanging equipment with other schools, making your own equipment and so on other (Agustin & Permana, 2020).

This is in accordance with the statement that the principal's strategy in improving all matters relating to the management of educational facilities and infrastructure carried out for the continuity of the educational process that will run well is implemented based on the needs needed at the school and tries to submit proposals to certain parties (Widiansyah, 2018).

Result-3 (Maintenance of Educational Facilities and Infrastructure at MIN 1 Bener Meriah)

Maintenance of educational facilities and infrastructure at MIN 1 Bener Meriah is carried out by all school members where students have to use desks and chairs according to their own, so that students are responsible for their respective desks and chairs as well as each class as their respective class equipment. such as brooms, blackboards and others. in particular, maintenance at MIN 1 Bener Meriah is handled by school custodians and staff who handle facilities and infrastructure under the leadership of the school principal.

According to Bernawi and Arifin, they explained that there are several stages that must be carried out in the maintenance of educational facilities and infrastructure, including: awareness, understanding, organization, implementation, and the final stage of data collection (Wicaksono, t.t.). In the use of educational facilities and infrastructure, maintenance is also needed to maintain educational facilities and infrastructure so that these educational facilities and infrastructure can be utilized in the longer term so that when using these educational facilities they can also run

well without facing many disturbances (Agustin & Permana, 2020).

Conclusion

Facilities and infrastructure have a big role in the learning process of students at MIN 1 Bener Meriah but will remain because the location of MIN 1 Bener Meriah is quite narrow and also has a little space that does not allow students to undergo the learning process like schools in general, this also has an impact in the procurement at MIN 1 Bener Meriah which does not allow to make many things such as a soccer field, badminton field and others, but in planning the needs of MIN 1 Bener Meriah has referred to needs analysis and also refers to APBS, and in maintenance as well. MIN 1 Bener Meriah sees all related parties from the school as a form of mutual care. So that we can know if the complete facilities and infrastructure can be utilized properly, the learning process of students can run well.

Conflict of Interest: The author whose name is listed immediately below certify that her not have no affiliation with or involment in any organization or entity with any finance interest (such as honoraria; educational grants; participation in speaks; bueraus; membership; employment; consultancies; stok ownership; or other equally interest; and expert testimony or patent-licensing arrangements) or non-financial interest in subject matter and materials discussed in this manuscript.

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