Analysis of Facilities and Infrastructure at SMPS Cisadane Mandiri

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ABSTRACT

Education is a protracted process and must continue as people age. Quality education will certainly produce human resources who can develop the potential of other resources in the country. This study aims to determine the completeness of facilities and infrastructure at SMPS Cisadane Mandiri. The needs analysis was carried out by conducting a qualitative descriptive approach with data obtained from the results of interviewing respondents, namely the principal. Findings show that there are still many facilities and infrastructure that are lacking such as the Science Laboratory, UKS, Student Council Room, Place of Worship, and Guidance and Counseling Room so that the learning process is still inadequate but for management and administration at SMPS Cisadane Mandiri has a good system.

Keywords: Analysis, Facilities and Infrastructure, Learning Process

I. INTRODUCTION

Education is a protracted process and must continue as people age. Quality education will certainly produce human resources who can develop the potential of other resources in the country. In this case, education is a supporting factor for mankind to overcome all the problems of life in the family, community, state, and state. The educational process is carried out to achieve educational goals. To achieve this goal of education, attention must be paid to all education.

Education plays a very important role in the process of improving the quality of human resources. Improving the quality of education is a process that is combined with the process of improving the quality of human resources itself. Education plays a very important role in the process of improving the quality of human resources. Improving the quality of education is a process that is combined with the process of improving the quality of human resources itself.

The utilization of all school education facilities and infrastructure effectively and efficiently is a supporter of the success of school learning. For the learning process in schools, it is necessary to utilize and manage existing school facilities and infrastructure. Management is in English, management comes from the verb to manage which in the
Indonesian Dictionary means to take care of, organize, orderly responsibilities. There is a formal relationship and good disciplinary bonds.

Definition of facilities and infrastructure

Etymologically they have differences, but both have a very important relationship as a tool to support the success of a process carried out. Thus, a process of activities that will be carried out will not be able to achieve the expected results according to the plan, if the facilities and infrastructure (sarpras) are not available. The definition of means is everything that is used as a tool to achieve meaning and purpose (Indonesian Dictionary, 2008). For example, educational facilities are defined as tools to achieve educational goals. For example, books, bags, pens, computers, etc.

Meanwhile, the notion of infrastructure is everything that is the main support for the implementation of a process (Indonesian Dictionary, 2008). Each educational unit is required to have facilities that include furniture, educational equipment, educational media, books, other learning resources, consumables, and other equipment needed to support an orderly and continuous learning process. Each education unit is required to have infrastructure which includes land, classrooms, education unit leadership room, educator room, administration room, library room, laboratory room, workshop room, production unit room, canteen room, power and service installation, exercise area, places of worship, places to play, places to be creative.

The following is the Regulation of the Minister of National Education of the Republic of Indonesia relating to Facilities and Infrastructure Standards.

1. Regulation of the Minister of National Education of the Republic of Indonesia No. 24 of 2007 concerning Standards of Facilities and Infrastructure for Elementary Schools/Madrasah Ibtidaiyah (SD/MI), Junior High Schools/Madrasah Tsanawiyah (SMP/MTs), and High Schools/Madrasah Aliyah (SMA/MA).
2. Regulation of the Minister of National Education of the Republic of Indonesia No. 40 of 2008 concerning Standards for Infrastructure Facilities for Vocational High Schools (SMK) and Vocational Madrasah Aliyah (MAK).
3. Regulation of the Minister of National Education of the Republic of Indonesia Number 33 of 2008 concerning Standards for Infrastructure Facilities for Special Schools.

Facilities and Infrastructure in the Teaching and Learning Process

The rapid development of Science and Technology makes changes in education. Starting from changes in school learning facilities and infrastructure that are required to comply with standards so that student learning objectives in schools can be achieved efficiently. Changes also occur in student learning methods, from conventional methods to active student learning methods, changes in learning methods must also be balanced with supporting school facilities. Determining the success of education is an obligation to find out what facilities are needed by a student in the learning process, ranging from adequate facilities and infrastructure such as pleasant classrooms, adequate tables and chairs, adequate learning media and can support student learning activities.

The Importance of Facilities and Infrastructure in Education

Given the importance of facilities and infrastructure in learning activities, students, teachers, and schools will be directly related. Students will be more helped by the support of learning infrastructure. Not all students have a good level of intelligence so the use of learning
infrastructure will help students, especially those who have weaknesses in participating in learning activities. Teachers will be helped by the support of infrastructure facilities. Learning activities will also be more varied, interesting, and meaningful. While the school is obliged as the party most responsible for the management of all activities held. In addition to providing, the school also maintains and maintains the existing infrastructure.

**Teacher's Role in Facilities and Infrastructure Administration**

The teacher's role in the administration of facilities and infrastructure starts from planning, utilization, and maintenance, as well as supervising the use of infrastructure.

**Planning**

Planning for procurement of goods requires the involvement of teachers because all goods used in the teaching and learning process must be under the design of the teaching and learning activities, planning for procurement of goods that requires teacher involvement includes the procurement of teaching tools and learning media.

**Utilization and Maintenance**

Teachers must be able to utilize all facilities as optimally as possible and be fully responsible for the safe use of existing teaching facilities and infrastructure.

**Usage Control**

If the educational facilities and infrastructure are used by students in their class, then the task of the teacher is to supervise or provide direction so that students can use or use the educational facilities and infrastructure as they should.

**II. METHODS**

This research contains an explanation of the existing facilities and infrastructure at the Cisadane Mandiri school. Here we will tell and explain what facilities and infrastructure are in the school. All the data that the researchers obtained used a qualitative descriptive approach. This qualitative descriptive is a method in obtaining data that is presented in the form of written or spoken words from people and observed behavior. This aims to find out how the management of facilities and infrastructure at SMPS Cisadane Mandiri. According to Sugiyono (2011), qualitative research methods are research methods based on the philosophy of postpositivism, used to examine the condition of natural objects, (as opposed to experiments) where the researcher is the key instrument, sampling data sources. we conducted direct field research and interviewed the parties concerned.

To ask all the questions that we have prepared previously. Some of the questions we asked include; 1. How many teachers are in the school? 2. What rooms are available in the school? 3. How many canteens are in the school? 4. What learning support tools are available in the school? 5. What guidance and counseling are available in the school? etc. This research aims to find out all the facilities and infrastructure at the Cisadane Mandiri school. With these interviews, we can ensure that this research is correct in conveying about the facilities and infrastructure at the school.

The research activity was carried out on Monday 19-22 October 2020 at 08.00 WIB the researchers made observations by going directly to the research location, namely SMPS Cisadane Mandiri located in Sei Siarti Village, Panai Tengah District, Labuhan Batu Regency to want to know the facilities and infrastructure at SMPS Cisadane Mandiri School.
III. RESULT AND DISCUSSION

Table 1. Facilities and Infrastructure at SMPS Cisadane Mandiri

<table>
<thead>
<tr>
<th>No</th>
<th>Facilities and infrastructure</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Classroom</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>Library room</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Computer room</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Principal's office</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Teacher's room</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Toilet</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>Warehouse</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Canteen</td>
<td>5</td>
</tr>
<tr>
<td>9</td>
<td>parking area</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>Transportation</td>
<td>2</td>
</tr>
</tbody>
</table>

Based on research conducted at SMPS Cisadane Mandiri, researchers found problems related to the theory that has been described that facilities and infrastructure have an important role in the teaching and learning process. For the smooth running of a process, it is certain that facilities and infrastructure are very mandatory and must exist to create conditions for a conducive learning process. For the learning process to be carried out as the goals have been set, it is necessary to be supported by the appropriate infrastructure. Without this, the process that is carried out will experience great obstacles. Under the sub-problems made, the researcher will describe the problems based on the results of interviews and observations that have been carried out.

Educational facilities are all facilities needed in the learning process, both movable and immovable so that the achievement of educational goals can run smoothly, effectively, regularly, and efficiently, for example, blackboards, buildings, classrooms, desks, and teaching media tools. Meanwhile, infrastructure is all facilities that indirectly support the course of the education or teaching process, such as weather, yard, gardens, parks, roads, trees, and others. But if it is used directly for the learning process, such as a park for teaching biology, the yard as a sports field, the component is a means of education. So facilities and infrastructure are facilities owned to support and complement the ongoing implementation of teaching and learning activities.

Infrastructure is also one of the factors that are very helpful in achieving the goals of education/teaching and learning processes, but it is necessary to consider that these facilities and infrastructure must be under environmental conditions, needs, and benefits. Based on the results of interviews with school principals and teachers at SMPS Cisadane Mandiri, researchers describe that the availability of infrastructure is not sufficient because it is not under the specified facilities and infrastructure standards. The educational facilities and
infrastructure that are already available at SMPS Cisadane Mandiri will be described as follows:

**Classroom**

The classroom is a room in a school building, which functions as a place for face-to-face activities in the process of teaching and learning activities (KBM). The furniture in this room consists of student desks, student chairs, teacher desks, classroom cabinets, whiteboards, and other appropriate room accessories. SMPS Cisadane Mandiri has 3 classrooms that are used for the learning and learning process with the number of students as many as 154 students, and the highest number of groups in class VIII-B and IX-A, which is 28 students, meaning that it is appropriate to use according to the capacity of the room with the number of students. And with the available facilities in the form of blackboards, timesheets, tables, chairs, cupboards, clocks, photos of the president and vice president, brooms, trash cans, and shoe racks.

**Library Room**

Libraries according to The American Library Association are media centers, learning centers, educational resource centers, information centers, documentation centers, and referral centers. SMPS Cisadane Mandiri has a library located at the end of the class which is managed by Mrs. Rada Husna, S.Pd. A library is also a place for extracurricular drum band training which was fostered by Mr. Achyar, S.Pd. The library is often visited by students of SMPS Cisadane Mandiri when outside class hours, the condition of the library is suitable for use, and the facilities available in it are books, bookcases, tables, chairs, clocks, drum bands, and shoe racks.

**Computer Room**

SMPS Cisadane Mandiri has 1 computer room and there are several computers in good condition, this laboratory is managed by Mrs. Tina Syawalina, S.Pd. This laboratory is still suitable for use because the available facilities are adequate in the form of furniture, educational equipment, and educational media. This laboratory is used only when carrying out National exams.

**Principal's Office**

This room is a separate place for the principal in carrying out all his duties at school. The principal's office is located near the teacher's room and is in a strategic location to facilitate the process of monitoring the school atmosphere. SMPS Cisadane Mandiri has 1 principal’s office, which is managed by Mrs. Sumartik, S. Ag. As Principal at SMPS Cisadane Mandiri. This room is often used for the reception of guests from outside parties, the condition of the principal's room is very suitable for use and is equipped with facilities such as tables, cabinets, student bank data boards, principal chairs, guest chairs, and fans.

**Teacher's Room**

The location of the teacher's room is above the principal's room, meaning the benchmark is the principal's room, meaning the teacher's room is to the north of the principal's room. SMPS Cisadane Mandiri has 1 teacher's room which functions as a place for teachers to work and rest and this room is used as a meeting room for teachers and the principal. The number of the teaching staff at SMPS Cisadane Mandiri is 11 people. The teacher's room is equipped with furniture such as tables, chairs, computers, printers, dispensers, fans, school organizational structure boards, cabinets, shoe racks, calendars,
Analysis of Facilities and Infrastructure at SMPS Cisadane Mandiri. *(Adina Indriani)*

desks, and a public kitchen. This room is not too big, this room is not suitable for each teacher to work, and even accepts guests from parents and students.

**Toilet**
Toilet are sanitary facilities for defecation and urination, hand and face washing.SMPS Cisadane Mandiri has 2 toilet units, 1 for students and 1 for teachers, which functions as a place to defecate or urinate. This toilet is suitable for use with the availability of clean water, a toilet, mirror, and a special sink for washing hands as well as an adequate room area.

**Warehouse**
The warehouse serves as a temporary storage place or a place to store school archives. The warehouse is used to store damaged school furniture. SMPS Cisadane Mandiri has 1 warehouse unit.

**Field**
SMPS Cisadane Mandiri has 1 open field that is used for playing, exercising, ceremonies, gymnastics, and extracurricular activities and is equipped with seats. The field owned by SMPS Cisadane Mandiri is very suitable for use because the field is quite large and can accommodate all students and educators, there is even a special field for teachers.

**Canteen**
SMPS Cisadane there are 5 canteens, the place is behind the school and around the canteen is quite clean. There are many canteens because there are 3 levels of school here, namely TK, SD, and SMP, so if only 1 canteen is too little.

**Transportation**
SMPS Cisadane Mandiri provides 2 school buses. This Cisadane Middle School is located in the middle of the Cisadane Mandiri oil palm plantation, quite far from the residents' homes so a school bus is provided as a means of transportation for students. This school bus is ready to pick up and drop off the students.

**IV. SUGGESTION AND CONCLUSION**
Administration of facilities and infrastructure intentionally and seriously as well as coaching so that they are always ready to use in the teaching and learning process so that they are effective and efficient to help achieve the educational goals that have been set in the school. The existence of facilities and infrastructure for learning activities in the classroom will feel comfortable and fun. Based on the results of research at SMPS Cisadane Mandiri, it can be seen that there are still many facilities and infrastructure that are lacking, such as the Science Laboratory, UKS, Student Council Room, Place of Worship and Guidance, and Counseling Room so that the learning process is still inadequate, but for management and administration has a good system.
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