Descriptive of School Environmental Conditions on Student Learning Achievement

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Abstract. This study investigates the important role of school environment conditions on student learning achievement at Muhammadiyah Junior High School 1 Sidoarjo, which emphasizes moral and ethical values. Using a qualitative approach, data were collected through observations and interviews over approximately five days. The results revealed positive habits such as 3s (smile, greeting, salutation), adequate facilities, and effective learning processes. Play an important role in improving student learning achievement. Teachers at the school contribute greatly to character development and achievement by motivating students. The impact of these activities can improve strong morale, good social skills, high motivation, and quality learning ability.

Keywords : Moral, ethical value, motivation, quality learning

I. INTRODUCTION

Education is the foundation for the development of individuals and society in the context of education. the school environment plays an important role in shaping student achievement. research shows that the quality of the learning environment has a significant impact on academic performance with factors such as adequate infrastructure conducive atmosphere and modern facilities positively influencing student outcomes.[1] This is because these behaviors have a significant impact on the law of learning in schools and student well-being. Overall through the literature review, we understand that students' inappropriate behavior when interacting with teachers and lack of tolerance towards peers have special needs. An important issue in the context of education is that these behaviors can interfere with the learning process both through interference with the teaching delivered by the teacher and through social interactions between students in the learning environment. Therefore, the purpose of this study was to explore the factors that influence students' disrespectful behavior as well as the importance of tolerance in an educational setting. This research was conducted at Muhammadiyah 1 Sidoarjo Junior High School involving student teachers and school staff as participants. In addition, the presence of professionally trained teachers, parental involvement, and a stimulating classroom environment were highlighted as key elements contributing to increased academic success.[2] Data was collected through direct observation, interviews, and analysis of school policy documents. The results of the analysis show that factors such as the social environment, interaction with teachers, and school norms affect student behavior. In addition, the importance of tolerance in the educational environment was also revealed as a key factor in creating a conducive learning climate. the conclusion of this study emphasizes that the school environment directly affects students' motivation anxiety levels and learning attitudes. the overallway underscores the importance of creating a supportive and engaging educational environment for optimal student achievement.[3]

II. METHOD

This research uses a qualitative approach with the aim of understanding the factors that influence student behavior at school towards learning achievement at school.[1] Qualitative research is research that intends to understand events about what the research subject experiences. the research location was conducted at Muhammadiyah 1 Sidoarjo Junior High School for five days, including interviews with teachers, staff, and students as well as analysis of school policy documents related to environmental conditions on student learning achievement. Data collection is done through direct observation, After the data is collected, the analysis will be done qualitatively with an inductive approach that allows researchers to explore the meaning of the data in depth in the process of data collection media used, which includes photos and voice recordings. Taking photos will enable detailed visual capture of the observed situations and conditions, providing a more concrete and real picture. Meanwhile, voice recordings will record conversations and interactions between participants, generating verbal data that can be analyzed to better understand the context and dynamics of the communication taking place. These two media will be valuable tools for obtaining in-depth information about the case under study. The data to be analyzed includes the results of interviews with participants, the results of direct observation, and also information contained in related documents. The research was conducted from April 29 to May 5, 2024. This approach is expected to provide insight into how the school environment plays an important role in the student learning process.

III. FINDINGS AND DISCUSSION

A. Findings

This research was conducted by means of observations and interviews which showed that the junior high school Muhammadiyah 1 Sidoarjo is committed to character building and the development of student learning achievement in a positive school environmental culture. The influence of school environmental culture is said to be successful if it can be practiced by school resident. A positive school environment improves student learning achievement. A good school environment contributes to improved student learning outcomes.[3]

1. Implementation of the 3S culture (Smile, greet, Salute)

The observation results reveal that polite behavior plays an important role in shaping student character. Good manners can encourage students to be more optimistic and courageous. In this case, courageous attitudes lead more to student confidence during the classroom interaction process. Student ethics plays an important role in influencing student achievement in school.[4] Research shows that schools with a strong ethos and values-based policies tend to have higher academic achievement, which in turn correlates with lower psychological distress and aggressive behavior among students, ultimately impacting their overall well-being and academic success.[5] The implementation of active problem-based learning model can also significantly improve student achievement in ethics courses, emphasizing the importance of active student learning and problem-based approach in improving academic success.[6] In Islamic education, ethical values such as respecting teachers, seeking knowledge for the sake of Allah, and doing good deeds are highlighted as important for students' success in learning.[7]

Figure 1: A Implementing the 3S (senyum,sapa,salam)
Source: Personal Documentation (2024)

2. supporting facilities

Based on our observations, Adequate facilities and qualified teachers improve students' academic performance[8]. It can be concluded that learning facilities are an important component that can affect the learning process which in turn can improve student achievement. The availability of facilities has a direct effect on student learning achievement, adequate learning facilities support the quality of learning and ultimately have a positive impact on student achievement.[9] The researcher showed that educational facilities and infrastructure have a significant effect on student learning achievement, emphasizing the importance of continuous improvement on school infrastructure to optimize student achievement and teacher delivery.[10] Therefore, investing in and maintaining quality school facilities is critical to improving student learning outcomes and academic success.

Figure 2. facilities (library)
Source: Personal Documentation (2024)

Figure 3. facilities (hall)
Source: Personal Documentation (2024)

Figure 4. Facilities (Lab Sains)
Source: Personal Documentation (2024)

3. learning process

Based on what we observed before the lesson began, the teacher had prepared the material to be delivered. During the learning process, the teacher gives students the freedom to express their thoughts. The quality of the learning process significantly impacts student learning achievement.[11] Teaching is a process of exchange of ideas or mutual interaction between teachers and students using the curriculum as a medium. Teaching is basically a process that includes planning, implementation, evaluation and revision.[12]

Figure 5. Learning process
Source: Personal Documentation (2024)

B. Discussioin

1. The Implementation of School Culture in Forming Students' Positive Character

Education is a powerful agent of change that improves the researches outcomes, health and livelihoods and contributes to social stability. At the micro-level, it is associated with better living standards for individuals through improved productivity; through higher ethical and moral values; given that those who have received a higher education tend to have more economic and social opportunities. At the macro level, education builds well-informed and skilled human capital, which has been considered an engine of economic growth, which positively contributes to educational research outcomes, ethical consideration and economic development. However, gaining knowledge, attitudes, values, and skills through education is not a simple task; rather it is a long and challenging trip in life. The researchers concluded that the higher the academic achievement, the higher the ethical judgment and the higher the research results.[13]

2. Facilities Supporting Student Learning Achievement

Completeness of facilities plays an important role in improving student achievement. Research by Deni Fitri Indah Wahyuningtyas et al. highlighted that adequate learning facilities have a positive impact on student motivation and achievement.[14] Nurafni Siregar and Aziza S further emphasized that effective learning is supported by the completeness of facilities and infrastructure, thus contributing to creating a conducive learning environment and optimizing the learning process.[15] Research has shown that the presence of good learning facilities can positively affect student learning achievement, as evidenced by the significant impact seen in student learning achievement in certain school environments.[10] Therefore, continuous improvement and investment in school infrastructure is critical to improving student learning outcomes and academic success.

3. learning process on student learning achievement

The learning process plays an important role in determining student achievement. Research by Yusup et al. highlights that learning attitudes and motivation have a significant impact on student learning success, with better attitudes and motivation will produce better results.[16] In addition, Metekohy et al. emphasize the importance of the quality of the learning process in improving student learning outcomes, alongside factors such as motivation and external influences such as school infrastructure and family environment.[17] Taken together, these findings underscore the critical role of the learning process in shaping student achievement across a range of educational settings.

IV. CONCLUSION

The conclusion of this series of studies is that the behavior, facilities, and conditions of the school environment are very important to student learning achievement. Our research found that there are several efforts made by the school to realize a positive environment such as habituation of 3S (Salam, Senyum, Sapa), adequate supply of facilities, and a varied learning process. From the above efforts, the school hopes to continue to improve the quality of student learning. This research was conducted at Muhammadiyah 1 Sidoarjo Junior High School involving teachers, students, and school staff as participants. Data was collected through direct observation, interviews, and analysis of school policy documents. the data collection media used were photographs and sound recordings that provided an in-depth visual and audio description of the situation in the school environment. The analysis was carried out qualitatively with an inductive approach that allowed researchers to explore the meaning of the data in depth.

REFERENCES

[1]   I. H. Nisa, "The Role Of The School Environment On Student Learning Success, A Descriptive Study at MTS Dzunnuraini," *TARQIYATUNA J. Pendidik. Agama Islam dan Madrasah Ibtidaiyah*, vol. 1, no. 1, pp. 24–29, 2022.

[2]   N. Khairunnisa and H. A. Rigianti, "Pengaruh Lingkungan Sosial Terhadap Prestasi Belajar Siswa Di Sekolah Dasar," *Didakt. J. Ilm. PGSD STKIP Subang*, vol. 9, no. 3, pp. 1360–1369, 2023, doi: 10.36989/didaktik.v9i3.1477.

[3]   M. Rezeki and E. Surbiantoro, "Pengaruh Lingkungan Sekolah dan Motivasi Belajar terhadap Prestasi Belajar Pendidikan Agama Islam Siswa Kelas XI IPS di SMA Pasundan 2 Bandung," in *Bandung Conference Series: Islamic Education*, 2022, pp. 259–265.

[4]   M. Soto-Pérez, J.-E. Ávila-Palet, and J. E. Núñez-Ríos, "Justice, deontology and moral meaningfulness as factors to improve student performance and academic achievement," *J. Acad. Ethics*, vol. 20, no. 3, pp. 375–397, 2022.

[5]   M. Granvik Saminathen, S. Plenty, and B. Modin, "The role of academic achievement in the relationship between school ethos and adolescent distress and aggression: a study of ninth grade students in the segregated school landscape of Stockholm," *J. Youth Adolesc.*, vol. 50, no. 6, pp. 1205–1218, 2021.

[6]   N. Khodijah and S. Syarnubi, "diterima dan H," *J. Kapita Sel. Geogr.*, vol. 3, no. 2, pp. 47–59, 2020.

[7]   M. Barni and M. Yusran, "Student Ethics in Learning Perspectives of Kiai Hajj Muhammad Zaini

Sekumpul Martapura.," *Din. Ilmu*, vol. 19, no. 2, pp. 287–303, 2019.

[8] J. Aneke, "Influence of learning environment on the academic performance of secondary school students in Makurdi Metropolis," *Sci. Prepr.*, 2022.

[9] F. T. Ingtias, D. Ampera, F. Farihah, B. K. Amal, and A. S. Purba, "Implementation of teaching practitioners in improving the quality of learning and implementing the curriculum Merdeka Belajar," *J. Stud. Guru Dan Pembelajaran*, vol. 5, no. 2, pp. 157–169, 2022.

[10] Y. Yusran, "Teacher Performance and Learning Achievement on Educational Facilities of High School Students," *J. Paedagogy*, vol. 9, no. 3, pp. 591–601, 2022.

[11] L. M. Metekohy, M. Daliman, B. Metekohy, and D. Ming, "The impact of teaching and learning quality process to school and university education for sustainable future," *JPPI (Jurnal Penelit. Pendidik. Indones.*, vol. 8, no. 1, pp. 143–151, 2022.

[12] C. Thapa, "IMPACT OF TEACHING PROCESS ON ACADEMIC ACHIEVEMENT OF PRIMARY SCHOOL STUDENTS IN TEHRI GARHWAL, UTTARAKHAND," *Towar. Excell.*, vol. 14, no. 2, 2022.

[13] M. G. Abed, "A Consideration to Two Main Ethical Issues in Educational Research, and How May These Be Addressed.," *J. Educ. Psychol.*, vol. 8, no. 3, pp. 1–14, 2015.

[14] R. J. Manuputty, P. Penti, M. Agustina, N. Anjelia, and R. Rinie, "Availability of Facilities Supports Education Across All School Levels: Case Study of SDN 1 Sabaru," *J. Instr. Dev. Res.*, vol. 3, no. 3, pp. 86–100, 2023.

[15] D. F. I. Wahyuningtyas, S. Arifin, and R. Wahyono, "The Influence of Learning Facilities and Parenting Patterns on Learning Achievement Through Learning Motivation: Study on State Vocational High School Students as West Korwil Pasuruan District of Indonesia," *Int. J. Sci. Acad. Res. (IJSAR), eISSN 2583-0279*, vol. 2, no. 7, pp. 1–10, 2022.

[16] M. Yusup, M. Marzani, T. Lubis, and G. S. Anggraeni, "The Influence of Learning Attitudes and Motivation on Students' Learning Achievement," *JMKSP (Jurnal Manajemen, Kepemimpinan, dan Supervisi Pendidikan)*, vol. 8, no. 1, pp. 1–14, 2023.

[17] A. Purba, R. Purba, E. Fatmawati, and N. Saputra, "THE EFFECT OF THE ONLINE LEARNING PROCESS AND INDEPENDENT LEARNING PROCESS ON IMPROVING STUDENTS' ACHIEVEMENT," *J. Namibian Stud. Hist. Polit. Cult.*, vol. 33, pp. 978–990, 2023.