

Implementation of the *Merdeka Belajar* Program for Sustainable Education

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ABSTRACT

The Merdeka Belajar Program at SDN Jugo 3, an elementary school in Indonesia, which aims to improve the quality of education by focusing on critical, creative, collaborative and skilled character learning. This program is implemented by utilizing technology and educational resources to create an optimal learning environment. A comfortable and supportive school environment, including adequate infrastructure such as modern classrooms, a well-equipped library, and sports facilities, provides students with the opportunity to learn effectively. The high quality of teachers is a key factor in supporting the implementation of this program, with them not only teaching subject matter but also inspiring students to develop their potential to the maximum. The support provided by teachers and a positive school environment also contribute to students' motivation, helping them overcome learning challenges and maintaining their interest in the learning process. With this holistic approach, SDN Jugo 3 seeks to create students who are not only academically intelligent but also have strong social and life skills, in line with national sustainable education goals.

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1. INTRODUCTION

In Indonesia, learning is the main activity in the educational process at school. This is a conscious effort made by an individual to change attitudes and behavior. The learning process is not only about absorbing information, but also involves developing skills, knowledge, and values. Through learning, a person can increase their understanding of various things and apply them in everyday life. The main goal of learning is to bring positive changes within oneself, both intellectually and emotionally. Thus, learning becomes an important foundation in forming a better character and personality in the future (Emda, 2018)

Education in the modern era is currently facing various new challenges that require innovation in teaching methods. This is caused by the variety of approaches used in the learning process in schools. Each lesson material requires a different strategy, adapted to the media and methods chosen by the educator. Conventional learning methods often make students feel bored, because the approach tends to be one-way and less interactive. Students need more than just lectures in class; they want learning experiences that are interesting and relevant to real life. Therefore, it is necessary to use more creative media and more varied methods to increase interest in learning. The use of technology, for example, can be one solution to create a more dynamic and interesting learning atmosphere. By utilizing digital tools, such as learning videos, simulations and educational applications, the teaching and learning process becomes more interactive. In addition, project-based learning approaches or group discussions can encourage active participation by students, so that they feel more involved and motivated. Thus, modern education must be adaptive to student needs and technological developments (Mansyur, 2018)

The development of the world of education brings complex challenges, including problems in the teaching and learning process which are often considered less effective. To improve the quality of education, significant breakthroughs and reforms are needed. One initiative that answers this need is the Merdeka Belajar Program. Merdeka Belajar is an initiative introduced by Nadiem Makarim, Minister of Education and Culture, with the main aim of producing superior Human Resources (HR) through character education. This idea emphasizes the importance of creating students who not

only have academic knowledge, but are also critical, creative, collaborative and skilled. Merdeka Belajar calls for changing the traditional educational paradigm towards more dynamic and inclusive learning, where students are encouraged to develop their potential holistically. Thus, this initiative aims to prepare a young generation who is ready to face global challenges by having deep personality qualities and skills. This program is designed to provide additional support and resources for educators, with the goal of enabling them to provide more effective and competitive instruction ([Widiyono et al., 2021](#)).

A person's social behavior, especially during school, is influenced by various factors, both external and internal. This means that a person is able to adapt his behavior to various social situations encountered every day. The school environment plays an important role in shaping students' social behavior. Factors such as the example of teachers and school staff, the habituation of positive values through the curriculum and extracurricular activities, as well as the consistent and systematic application of advice and control mechanisms, contribute to forming the desired attitudes and behavior.

Apart from the school environment, elements of society also play a role in influencing students' social attitudes. Society as a broader environment provides various contexts outside of school that also influence students' social development. The attitudes learned and applied at school will be tested and strengthened in interactions with society. Thus, the social context consisting of the school environment and society together forms control over students' social behavior.

The importance of interactions between the school environment and society shows that the formation of students' social behavior is not an isolated process. Rather, it is the result of collaboration between various factors that complement each other to produce individuals who can interact effectively in society. By understanding the role and influence of these two environments, education can be more effective in forming the character of students who are not only academically intelligent but also have positive social attitudes and are useful in everyday life. ([Nurfirdaus & Sutisna, 2021](#)).

As an example of implementation, SDN Jugo 3 in Dsn. Besuki, Ds. Jugo, District. Mojo, Kab. Kediri Province East Java, has enthusiastically adopted the Merdeka Belajar Program. This school places a major focus on creating an optimal learning environment for students. The quality of education at SDN Jugo 3 is built on the basis of various interrelated factors. First, teaching staff who have high competence and are highly dedicated play an important role in providing academic guidance and also as inspirational examples for students. They not only teach, but also play a role in building students' character and personal development.

Apart from that, a well-structured curriculum is also the main pillar. The curriculum must not only meet national standards but also be relevant to current needs and developments. SDN Jugo 3 ensures that the material taught is not only informative but also challenging to develop students' potential as a whole. This approach helps increase students' interest in learning and provides a strong foundation for their future lives.

Adequate educational facilities play a crucial role in ensuring the success of the teaching and learning process. A conducive learning environment, supported by modern technology and a complete library, provides students with wider access to information and learning resources. The availability of these facilities not only increases efficiency in acquiring knowledge, but also creates an atmosphere that encourages students' active exploration and involvement in learning. In this way, students can more easily develop their creativity and skills, as well as take advantage of diverse learning opportunities to achieve better academic and personal potential ([Daulay et al., 2022](#)).

The Merdeka Belajar Program not only aims to improve the quality of teaching in the classroom, but also to develop students' potential holistically. This initiative not only focuses on academic aspects, but also on developing students' character, social skills and leadership. By strengthening the quality of education at SDN Jugo 3, it is hoped that graduates of this school will be ready to face global challenges and contribute positively to society.

Overall, the Merdeka Belajar Program has had a significant positive impact in efforts to improve the quality of education in Indonesia. Through this initiative, schools can take advantage of the various features and resources on offer to create a more dynamic and competitive learning environment. By continuing to implement innovation in education, it is hoped that Indonesia can present a future generation that is better prepared and qualified to face an increasingly complex and global future.

2. METHOD

This research uses a qualitative approach as the main methodology. This approach was explained by Bogdan & Taylor (1975) as a research procedure that produces descriptive data in the form of words or verbal expressions from people and observable behavior. The purpose of choosing this method is to explore the factors that influence the development of knowledge at SDN Jugo 3, especially in the context of a complex educational environment.

In collecting data, researchers used two main techniques: participant observation and in-depth interviews. Participant observation allows researchers to be directly involved in daily activities in schools, providing direct insight into classroom dynamics and interactions between teachers and students. Meanwhile, an interview with the principal of SDN Jugo 3 provided an opportunity to understand the school's management strategy, the challenges faced, and the efforts made to improve the quality of education.

The study was conducted in one day to ensure consistency in data collection and minimize disruption to school

activities. Previously, the researcher designed an interview grid and observation guide to ensure that all relevant aspects were covered in the analysis. Data collected from observations and interviews were then analyzed systematically to identify the main factors influencing the development of science at SDN Jugo 3.

The results of this approach are expected to provide a deep and comprehensive understanding of the educational situation at the school. It is also hoped that these findings will provide useful suggestions for further improvement and development in an effort to improve the quality of education at SDN Jugo 3 and perhaps in other schools.

3. RESULTS

Factors that influence students. In the learning process there are several factors that influence students, namely:

1. **Facilities and infrastructure**
Adequate facilities and infrastructure are important to support science development activities in schools. The academic achievement and skills of SDN Jugo 3 students increased after improvements to physical infrastructure such as classrooms, libraries and laboratories. Adequate facilities not only create a comfortable and safe learning environment, but also make it easier for students to apply more interactive and enjoyable learning methods.
2. **Teacher quality**
The quality of teachers has a significant influence on the development of knowledge at SDN Jugo 3. High-quality teachers not only have a deep understanding of subject content, but are also able to inspire and guide students effectively. SDN Jugo 3 provides regular training to teachers to continue to update their knowledge with innovative and relevant teaching methods.
3. **Student Motivation**
The success of developing science is very dependent on student motivation. SDN Jugo 3 is taking proactive steps by implementing motivational initiatives, including recognizing academic achievements and offering interesting extracurricular activities. By cultivating high motivation, students will be inspired to actively and enthusiastically continue their studies, which ultimately fosters a deeper interest in various fields of science.
4. **School environment**
A conducive and comfortable school environment plays an important role in encouraging the growth of student knowledge at SDN Jugo 3. By fostering a positive and inclusive environment, the school encourages collaboration between students, teachers and staff members. This strong relationship not only fosters a harmonious learning atmosphere but also strengthens social values and encourages cooperation between students.
5. **School Culture**
The formation of a positive school culture is the basis for the success of scientific progress at SDN Jugo 3. By prioritizing main values such as discipline, mutual respect and a collaborative mindset in daily activities, this culture fosters a comfortable and enthusiastic atmosphere where students are respected and encouraged to achieve higher levels of academic excellence.

Apart from certain factors that influence the student learning process, there are also obstacles and challenges in implementing knowledge development programs, namely:

1. **Budget Limitations**
The main obstacle in developing knowledge at SDN Jugo 3 is budget limitations. To overcome this, schools are required to apply for additional funds to the government, apart from relying on additional funds from the government, schools also seek funds from external parties such as school donors. With this, SDN Jugo 3 hopes to improve facilities and provide more adequate educational resources for students.
2. **Lack of Teacher Training**
Lack of teacher training in innovative learning methods is a challenge faced by SDN Jugo 3. In overcoming this problem, SDN Jugo 3 holds regular training and workshops for teachers to develop skills in learning by using effective teaching techniques and following current developments. This.
3. **Inadequate Facilities**
The inadequate availability of facilities to support education is also a challenge in developing knowledge at SDN Jugo 3. Continuous efforts are made by the Principal and Teachers to improve the school's physical facilities so that they meet the standards of modern learning needs and support various student activities at school.
4. **Lack of Support from Parents**
A challenge also faced by SDN Jugo 3 is the lack of active support from parents. This also influences the learning process carried out at school. Support from parents is very important in improving the quality of education. SDN Jugo 3 encourages parent involvement in school activities and builds relationships between the school and parents. It is hoped that this collaboration can create an educational environment that is more conducive to student development.
5. **Discipline problems and student motivation:** Discipline problems and student motivation are also one of the challenges for developing knowledge at SDN Jugo 3 in implementing consistent discipline programs and fostering student motivation with rewards for academic achievement and student participation in

extracurricular activities held by the school. With this, the school strives to create a disciplined learning environment and motivate students to achieve better results.

4. DISCUSSION

An explanation of the factors that influence student performance in intellectual development at SDN Jugo 3 can be understood by referring to previous research findings. This research examines important issues raised in various academic papers and literature, providing an in-depth perspective on the elements that influence student achievement at the school. The following are the factors that influence the methods of knowledge development at SDN Jugo 3, namely:

1. Facilities and Infrastructure

Adequate facilities and infrastructure play a very important role in supporting the continuity of science development activities, especially in basic education environments such as SDN Jugo 3. According to Mr. M. Khoirul Fuad, the quality of the facilities and infrastructure in this school is one of the main supporting factors in the process of teaching and learning activities. Facilities are tools that can help teachers, students and other school residents to access or provide learning information simultaneously without time and place restrictions. Apart from that, with the help of school facilities, students at SDN Jugo 3 can learn faster because they can receive lessons better. School is an institution designed for the teaching of pupils or pupils under the supervision of educators or teachers. Various methods are used to achieve student learning goals, to create students who are active and creative in starting, doing, completing something produced by a student, namely by learning.

According to [Daulay \(2022\)](#) the facilities and infrastructure that must be available to support educational activities in schools include various equipment, materials and furniture that are used directly in the educational process. This includes school buildings, classrooms, learning media, tables, and chairs which all play an important role in creating an effective learning environment. Apart from that, there are also supporting facilities that indirectly support the educational process, such as school yards, parks and road access to schools. These tools not only serve to increase comfort, but also contribute to the overall student learning experience. For example, school gardens can be used as recreation areas and outdoor learning spaces, while good roads ensure students' safety and comfort on their way to school. With the availability of adequate facilities and infrastructure, the educational process can run more smoothly, effectively and enjoyably, thereby increasing student motivation and performance. Overall, the role of facilities and infrastructure in education is very important to create an environment that is conducive to students' learning and intellectual development.

Adequate facilities and infrastructure in elementary schools are very important to create a comfortable and supportive learning environment for students. Good management of these facilities and infrastructure will help achieve educational goals and enable students to adapt and contribute to social life ([Siregar & Tarigan, 2022](#)). Complete facilities motivate students to learn, make them feel valued and encouraged to achieve. For example, the use of projectors with interesting content in the teaching and learning process not only helps students at SDN Jugo 3 understand topics, but also encourages them to explore knowledge outside textbooks. This technological facility allows teachers to apply more interactive and interesting teaching methods. In this way, the learning environment becomes more dynamic, and students are more enthusiastic in exploring the subject matter. Good facilities cover various aspects, starting from comfortable classrooms, appropriate learning media, to sophisticated technology that supports the teaching and learning process. All of this contributes to improving the quality of education and overall intellectual development of students, creating a strong foundation for their future.

Adequate facilities and infrastructure provide a positive impact not only for students but also for teachers. Teachers who benefit from complete and quality facilities will be more motivated in preparing and delivering lesson material. They can use various props such as projectors to make learning more interesting and easier for students to understand. Apart from that, the presence of a comfortable teacher's room and other supporting facilities such as meeting rooms and good administration rooms can also improve the performance and morale of teachers and school staff. A learning environment that is supported by adequate facilities and infrastructure can also create interaction between students. Apart from that, the existence of extracurricular activities such as sports fields can also help students develop their talents and interests outside the academic environment, so that individual students at SDN Jugo 3 can grow to be more broad-minded.

Investment in educational facilities and infrastructure is a long-term commitment to improve the quality of education at SDN Jugo 3. Schools that are equipped with complete and high-quality facilities not only attract the interest of students and parents but also improve the school's image and reputation in the eyes of the community. Therefore, this investment not only brings direct benefits but also has a sustainable positive impact on future educational development. With good facilities and infrastructure, schools can continue to innovate and improve the quality of education, so that in the end they will give birth to the next generation who are intelligent, competitive and moral.

In essence, adequate facilities and infrastructure play an important role in creating a conducive learning environment, motivating students, and increasing the effectiveness of the science learning process. As emphasized by Mr. M. Khoirul Fuad as the principal of SDN Jugo 3, adequate facilities are very important to

advance science at SDN Jugo 3 and other schools. Investment in educational facilities and infrastructure is an investment in the future that promises great benefits for the development of education and society as a whole.

2. Teacher Quality

Teachers have a very important role in the learning process in the classroom. Their responsibilities include preparing learning plans, implementing teaching activities, and evaluating student learning outcomes. Teachers are the determining factor in students' success in adopting and developing essential life values. They are not only expected to deliver material in class, but also to educate students' attitudes and mentality. Apart from that, teachers must maintain their personality and continue to hone their professional skills as educators. With this multifunctional role, the teacher not only acts as a teacher, but also as a guide who is skilled in shaping student character. This shows that the quality of teachers greatly influences the development of students' knowledge and attitudes. Competent teachers not only master the subject matter in depth, but are also able to use creative and innovative learning methods. By creating a fun and challenging learning atmosphere, teachers can motivate students to study harder. Through this approach, teachers not only teach knowledge, but also inspire students to think critically and creatively, preparing them to face future challenges.

The quality of teachers plays a very important role in developing student knowledge. Competent teachers not only master the material in depth, but also apply creative learning methods that motivate students. The use of this method is effective in increasing students' understanding and interest in lessons. By creating a fun and challenging learning atmosphere, teachers not only convey facts, but also inspire students to think critically and creatively. This approach helps students develop analytical and problem solving skills, which are very important in everyday life. In addition, teachers act as facilitators who encourage students to actively participate in the learning process, creating an environment conducive to discussion and collaboration. In this way, teachers contribute to forming a generation that is not only academically intelligent, but also has good social skills. The role of quality teachers is very important in preparing students to face future challenges, making them independent and competitive individuals. Good quality education starts with teachers who are inspiring, innovative and committed to the development of their students.

Developing teacher competency is also important at SDN Jugo 3. Teachers who continue to improve their skills through regular training can have a significant positive impact on student learning achievement. Through this training, teachers can update their knowledge of the latest teaching methods, educational technology, and strategies to meet students' individual needs. This allows them to be more adaptive to the dynamics of the modern classroom and adapt their approach to students' evolving needs and interests. Innovation in teaching methods also plays a role in increasing student involvement in learning at SDN Jugo 3. Innovative teachers not only adhere to the curriculum but also strive to create a comfortable and interesting learning atmosphere for students. By utilizing educational technology and various other resources, teachers can present lesson material in a more dynamic and inspiring manner. Dynamic learning refers to a learning environment where students are not just recipients but also participate, create, communicate, make progress. And innovative learning can be interpreted as learning designed by teachers, which is new, not what is usually done, and aims to facilitate students in building their own knowledge in the context of a process of changing behavior in a better direction, in accordance with the potential and differences that students have. . In the context of teaching and learning programs, an innovative learning program can mean a program created as an effort to find a solution to a problem. This not only increases students' interest in the subject but also develops skills such as cooperation, problem solving and creativity which are essential for future success.

Student development and quality assessment are also important focuses at SDN Jugo 3, which is facilitated by the PMM application used by teachers. PMM (Merdeka Belajar Platform) allows teachers to systematically monitor students' academic, social and emotional development. By regularly monitoring student achievement, teachers can identify strengths and areas that need improvement in each individual student. This allows teachers to provide appropriate additional support and design differentiated learning, ensuring that all students gain maximum benefit from their learning experience.

The combination of high quality teachers, continuous competency development, innovation in teaching methods and the use of the PMM application to assess the quality of students is a strong foundation for scientific development at SDN Jugo 3. By continuing to prioritize the quality of education, SDN Jugo 3 prepares students to only to achieve academic success, but also to be able to face the challenges of an increasingly complex and ever-changing external world with the skills used to compete globally.

3. Motivation to learn

According to research conducted by Sunarti Rahman (2021), the motivational learning process is a very important dynamic aspect in education. There are many cases where students are less successful not because of a lack of ability, but because of a lack of motivation to learn, which results in them being unable to optimize their potential. Motivation is an effort to create certain conditions so that someone is willing and willing to do something, or avoid something that is undesirable. Motivation can be influenced by external factors, but ultimately, it grows within the individual.

The environment is one of the external factors that can influence a person's motivation to learn. Participation in extracurricular activities, for example, not only gives students the opportunity to develop skills and interests outside the curriculum but also builds self-confidence and motivation to study harder in class. By

providing positive experiences and opportunities for exploration, the learning environment can inspire students to achieve better academic achievements. Thus, it is important for educators and the school environment to create an atmosphere that supports, motivates, and builds students' self-awareness about the importance of motivation in achieving their educational goals.

The Principal of SDN Jugo 3 emphasized the importance of expanding the choice of extracurricular activities by considering the establishment of Scout extracurricular activities. Despite challenges related to the need for coaches, this plan shows the school's commitment to continuing to develop a diverse and engaging learning environment for students. Scout extracurriculars are expected to provide a unique learning experience, with a primary focus on developing leadership, independence and survival skills. All of these aspects have significant added value for student development outside of academic activities in the classroom. By involving students in activities like these, schools not only broaden the scope of their education but also help students develop social, communication, and collaboration skills that are important in everyday life. It also reflects the school's efforts to offer a holistic and well-rounded learning experience, which supports overall student growth and development. Thus, it is hoped that the presence of Scout extracurricular activities at SDN Jugo 3 can enrich students' educational experiences and make a positive contribution to the formation of their character.

Apart from that, extracurricular activities such as Rebana which already exist at SDN Jugo 3 also play an important role in the overall development of students. By learning to play this traditional musical instrument, students not only expand their knowledge of local culture, but also learn about teamwork, discipline and precision. This activity creates an environment where students feel valued and supported to explore their interests and can increase student motivation in the learning process at school. Therefore, SDN Jugo 3 strives to provide various learning opportunities outside the classroom to help students grow and develop as individuals with achievements and potential.

4. School environment

The environment has a crucial role in children's development, influencing them through external factors which are divided into the social environment and non-social environment. The social environment includes the child's interactions with family, teachers and the surrounding community, while the non-social environment involves physical facilities and infrastructure. Children learn and grow through interactions with both types of environments, which play an important role in shaping their character and behavior.

School is an integral part of the social environment, acting as a vehicle for developing the potential of its students. The school environment must be designed in such a way that it supports an effective and comprehensive learning process. This includes physical facilities such as classrooms, libraries, and laboratories, as well as interactions between students, teachers, and school staff. The overall educational environment includes all factors that influence the teaching and learning process, from a well-crafted curriculum to innovative teaching practices.

Thus, the school environment is not only a place where students gain academic knowledge, but also a place where they develop social, emotional, and critical skills. This environment creates conditions that support students' holistic growth, enabling them to become independent and competitive individuals. Through interaction with a positive and stimulating school environment, students can develop positive attitudes towards learning and life, and utilize their potential optimally in achieving their educational goals ([Nurfirdaus & Sutisna, 2021](#)).

SDN Jugo 3 has the privilege of a school environment located in the mountains, creating ideal conditions for the development of students' knowledge. A beautiful natural environment with fresh air not only provides a comfortable place to study, but also positively influences students' academic development and emotional well-being.

The calm natural scenery and clean air around the school provide opportunities for students to relax and focus while studying. This helps increase their concentration in absorbing the subject matter being taught. Apart from that, security is also a priority at SDN Jugo 3, with efforts to create a safe and comfortable school environment for all students.

Students' physical safety and mental well-being are the main focus, which supports their sense of security in undergoing the learning and exploration process at school. This safe and supportive environment not only provides students with a sense of comfort, but also encourages them to develop and reach their maximum potential in all aspects of their lives.

A positive school culture plays an important role in shaping the character of students at SDN Jugo 3. Support from teachers and school staff who care about student development, as well as the positive values that are instilled, create an atmosphere that is conducive to students' personal and academic growth. Students not only learn from textbooks but also from everyday experiences in an environment that promotes values such as cooperation, creativity, and a sense of responsibility.

Overall, the combination of supportive natural conditions, positive school culture, and maintained security makes SDN Jugo 3 an ideal place for developing students' knowledge and character. In an environment that allows exploration and active learning, students at SDN Jugo 3 can grow and develop into individuals who are ready to face the global challenges of the future.

5. School Culture

The idea of seeing schools as layers of onion skin, as proposed by [Istiqomah \(2022\)](#), brings a new perspective on schools as communities that have a culture like a civilized society. At SDN Jugo 3, this concept is reflected in a positive learning culture and the application of appropriate discipline, which are the main pillars in supporting the development of students' knowledge.

First of all, the positive learning culture at SDN Jugo 3 includes an atmosphere that promotes cooperation, creativity and an open attitude towards new learning. Students are encouraged to actively participate in class discussions, group projects, and extracurricular activities that broaden their horizons beyond the formal curriculum. This not only improves their understanding of the subject matter, but also develops social skills that are important for future life.

Second, the application of appropriate discipline at SDN Jugo 3 plays a role in creating an orderly and focused learning environment. Discipline refers not only to enforcing school rules, but also to teaching values such as responsibility, hard work, and respect for others. By implementing consistent discipline, schools help students establish effective study routines and prepare them to face future academic and social challenges.

School culture, understood as layers of onion skin, shows that every aspect of school life is interrelated and influences each other. A positive learning culture and consistent application of discipline are an integral part of character formation and student academic development. By combining the two, SDN Jugo 3 creates a supportive environment for holistic student growth, preparing them to become competent and highly competitive global citizens in the ever-changing modern era. ([Istiqomah et al., 2022](#)).

By emphasizing the importance of discipline, SDN Jugo 3 not only creates a structured environment, but also helps students develop responsibility and persistence in learning. Consistent application of discipline brings benefits in creating a focused and productive learning environment where all students can reach their full academic potential.

Good relationships between students and teachers at SDN Jugo 3 also play an important role in improving students' learning experiences. By creating an environment where students feel supported and valued, teachers can act as mentors to their students in the learning process. This positive relationship not only increases students' self-confidence, but also encourages them to actively participate in class and ask questions if there is something they do not understand.

Healthy interactions between students are also emphasized, encouraging collaboration in group learning and helping each other in solving problems. In addition, the supportive physical environment at SDN Jugo 3 has a positive impact on student academic achievement. Excellent educational facilities such as comfortable classrooms, well-equipped libraries and suitable laboratories create an ideal environment for an effective learning process.

Overall, the combination of consistent application of discipline, good relationships between students and teachers, and a supportive physical environment make SDN Jugo 3 a place that supports the development of students' academic and social potential. By paying attention to these aspects, the school ensures that every student has the same opportunity to develop holistically.

The comfortable environment at SDN Jugo 3 not only influences students' comfort in learning, but also facilitates the use of technology and other educational resources that support interactive, project-based learning. A positive learning culture, appropriate application of discipline, and harmonious relationships between students and teachers, all play a role in developing students' knowledge and social skills at this school. With this holistic approach, SDN Jugo 3 does not only focus on academic achievement, but also on forming students who are tough and ready to face various challenges in the future.

Apart from the factors that influence students in learning, there are also impacts from these factors as follows:

At SDN Jugo 3, several knowledge development factors such as infrastructure, school environment, teacher quality, student motivation, and school culture play a key role in shaping student performance and overall development. Adequate infrastructure such as comfortable classrooms, well-equipped libraries, good laboratories and sports facilities provide the best learning environment for students. With this facility, students can learn more effectively and utilize available educational technology to support their learning.

A safe, structured, and supportive school environment also has a positive impact on student academic success. In this positive environment, students tend to be more open to actively participating in learning activities, increase interactions with teachers and classmates, and strengthen their social skills.

The quality of teachers at SDN Jugo 3 is also a key factor in developing students' knowledge. Competent teachers not only have a deep understanding of subject content, but are also able to inspire and motivate students to achieve their highest potential. By using a variety of innovative and adaptive teaching methods, teachers help students develop critical, analytical and creative thinking skills.

Student motivation is also an important factor in determining their academic achievement. Support provided by teachers and a positive school environment can increase students' enthusiasm for learning, help them overcome academic challenges, and maintain their interest in learning in the long term.

5. CONCLUSION

SDN Jugo 3 shows that a supportive school environment, good quality infrastructure, and the key role of teachers in

developing students' knowledge significantly influence the quality of education at this school. With adequate facilities such as comfortable classrooms, a well-stocked library and good sports facilities, students can study effectively and receive support to develop their social and academic skills. A safe and structured school environment also plays a role in creating an atmosphere conducive to effective learning.

The quality of teachers at SDN Jugo 3 is the main pillar in guiding students, not only in understanding subject matter but also in developing critical and creative thinking skills. Student motivation is also an important factor to consider, with support from teachers and a positive school environment helping to maintain students' enthusiasm for learning and maximize their academic potential.

Overall, the holistic approach to student development at SDN Jugo 3, through a combination of good infrastructure, competent teaching quality, and ongoing motivation, proves that this school does not only focus on academic achievement but also on students' personal development in preparing them to face challenges future.

Author Contributions

Conceptualization, H.R. and D.C.G.; Methodology, W.Y.; Investigation, A.R.; Formal analysis, H.R.; Writing – original draft, H.R.; Writing – review & editing, H.R. and W.Y. All authors have read and approved the final manuscript.

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