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Improving the Calistung Ability of Legokhuni Elementary School Students through the KKN Teaching Program

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ABSTRACT

This article discusses the Kuliah Kerja Nyata (KKN) Teaching program at SDN Legokhuni, Legokhuni Village, Purwakarta, as an effort to improve students' Calistung abilities. This research is conducted in the context of the urgent need to improve the quality of elementary education in Indonesia. In a situation where many students still face difficulties in reading, writing, and arithmetic, the KKN Teaching program aims to provide learning assistance focusing on these fundamental skills. The research method used is a qualitative approach with literature study. The KKN Teaching program is carried out by students from the Indonesia University of Education, with a focus on students from grades 1 to 6. The KKN Teaching program at SDN Legokhuni makes a positive contribution to the Sustainable Development Goals (SDGs), especially in achieving Quality Education. By integrating student-centered learning approaches, community involvement, and collaboration with teachers, this program provides inspiration for efforts to improve elementary education in remote areas. Thus, this program offers a relevant solution to enhance students' Calistung abilities and support the development of more equitable education in Indonesia.

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Education is a process of human life in self-development for survival. Education is important for human life, therefore Every human being has the right to have the opportunity to develop himself through education. Educated humans will become individuals who are useful for the country, Indonesia and Indonesia Nation (Alpian, et al., 2019). Education in Law No.20/2003, explains that education is conscious and planned efforts to create a learning atmosphere and learning process for participants students actively develop their potential so that they have religious spiritual strength, self-control, personality, intelligence, noble character, and skills required by himself, society, nation and state (Makkawaru, 2019). Currently Indonesia is ranked 10th out of 14 regarding the quality of education, the low condition of education in Indonesia is caused low facilities and infrastructure, teacher quality, student achievement, and lack of awareness society regarding the importance of education for the nation's children (Fajri & Afriansyah, 2019).

The impact of the low condition of education in Indonesia is literacy skills (reading and writing) and counting in children who experience delays. According to Hasan (in Himawanto, et al., 2022) states that literacy and numeracy skills improve basic abilities that play an important role in an individual's life for academic success, and this is the main point taught from an early age. From an early age this is very important forget learning to read, write and count to support all aspects child development.

Calistung is learning that includes reading, writing and arithmetic. Even though it is no longer valid since the launch of the Independent Learning program in 2023, Calistung was once a requirement for students to be accepted into an educational institution, whether private as well as the country. This shows the urgency of Calistung's capabilities for students in Indonesia. In fact, mastery of Calistung has been implemented since the kindergarten/RA education level in learning curriculum (Julianingsing & Isnaini, 2022). Application of Calistung to learning in schools to realize meaningful learning goals, so that students initially Having difficulty reading, writing and arithmetic will develop and be trained in sharpening learning ability (Latifah & Rahmawati, 2022). Therefore, Calistung's ability is basic abilities in student learning at school, especially lower classes (1, 2, and 3) as supporting success in education (Nazidah, Zahari & Chasanah, 2022).

The Calistung ability as a basic ability in this learning is of course applied in state schools, including SDN Legokhuni. Legokhuni Elementary School is the only school country located in Legokhuni Village, Wanayasa District, Purwakarta Regency. that location is a place where researchers carry out the Real Work Lecture (KKN) program. With the conditions that researchers found that there were some high class students (4, 5, and 6) there who were still there lacking in reading, writing and arithmetic, researchers concluded that Calistung's ability the number of students at Legokhuni State Elementary School is still lacking and not evenly distributed. That way, see the importance of Calistung ability as a standard of achievement for elementary school students and its lack Calistung ability of students at SDN Legokhuni, researchers are interested in improving Calistung ability of students at SDN Legokhuni by holding lessons related to Calistung to Legokhuni Elementary School students as one of the 2023 Thematic Real Work Lecture (KKN) work programs at the Indonesian Education University, which is called the KKN program Teach.

Making "KKN Teaching" activities with a focus on increasing Calistung's capabilities SDN Legokhuni as a Real Work Lecture work program based on development goals Sustainable development (SDGs) is a solution approach that is relevant to existing gaps by Legokhuni Elementary School students. Sustainable development goals Development Goals (SDGs) are global and national commitments in efforts to improve prosperity society consisting of 17 goals (Irhamsyah, 2020). One of these goals is education quality, namely development goals

Zahra, Nafisah & Lubis, Improving The Calistung Ability Of Legokhuni Elementary School Students ... | 9 focus on improving the quality of inclusive education and equitable and promote lifelong learning opportunities for everyone. With Carrying out the "KKN Teaching" activity is expected to improve the participants' Calistung abilities students at SDN Legokhuni so that they can improve the quality of learning at SDN Legokhuni.

2. METHODS

The approach used in this research is a qualitative approach a type of educational research which emphasizes observing phenomena and researching more into substance. This qualitative research is research that is descriptive and tends to be using analysis, the deeper the analysis, the higher the quality of the research results (Safarudin, et al., 2023). Meanwhile, the method used is literature study which is a series of activities relating to library data collection methods, reading and taking notes and managing research materials (Kartiningrum, 2015).

The KKN Teaching activity was carried out by the UPI 2023 Thematic KKN group at the only public elementary school in this village, namely SDN Legokhuni. There are several students in class 4 - 6 who still experience difficulties in reading, writing and arithmetic. Therefore, group KKN students make efforts to assist students' learning so that they can achieve good achievements better and not left behind by his friends. For students who are already good enough in calistung is also accompanied to make it smoother and increase learning motivation. this activity carried out on August 9 2023 to August 10 2023 from 07.00 to 12.00 WIB. Activities begin with planning and then continue with the implementation phase data processing.

2.1 Planning

Planning activities are carried out by conducting surveys and observations at the location Legokhuni Elementary School to see the condition of the classes and students and make plans Calistung learning assistance or what is called KKN Teaching.

2.2 Implementation

The implementation activity is the implementation of the KKN Teaching program which was planned in the previous stage. At this stage, UPI Thematic KKN students Legokhuni Village carries out calistung learning assistance.

2.3 Data Processing

The final activity, namely data processing, is carried out by making a final report. The final report of this activity is in the form of a scientific article.

3. RESULTS AND DISCUSSION

The implementation of the "KKN Teaching" activity has been agreed upon by the SDN Legokhuni school and get good support from the teaching staff at SDN Legokhuni. The activity "KKN Teaching" as a form of Sustainable Based Thematic Real Work Lecture work program

The Indonesian Education University's Development Goals (SDGs) are relevant solutions and programs which can improve the Calistung abilities of Legokhuni Elementary School students. The activity "KKN Teaching" can fulfill one of the goals of sustainable development, namely, education Quality. According to the National Development Planning Agency, the goal of Quality Education is means supporting inclusive and equitable quality education and increasing opportunities lifelong learning for all. The following are details of the implementation stages of the "KKN Teaching" at Legokhuni Elementary School.

Stage 1

The first stage in this activity is to observe needs at SDN Legokhuni is related to the basic abilities of students. This observation was carried out by means of Directly involved in mentoring activities for grade 5 students in carrying out simulations Computer Based National Assessment (ANBK). In this activity, general abilities Calistung for grade 5 students at SDN Legokhuni is still below the standard ability of grade students 5. In fact, according to Nadiem Makarim, Minister of Education, Culture, Research and Technology (in Republika, 2023), Calistung's ability is a competency that should have been mastered by 2nd grade elementary school students.

Apart from being involved in ANBK simulation assistance activities, surveys and observations as well This is done by being directly involved in teaching activities in subjects in grades 1-6 of SDN Legokhuni. Based on the results of surveys and observations, we found that there are still many students who have difficulty reading, spelling, writing, and doing basic calculations such as addition 2 digits and subtraction. This problem is still found in students from grades 4 to 6.

After getting field facts regarding the Calistung abilities of Legokhuni Elementary School students, we decided to provide teaching and mentoring that focuses on increasing Calistung's capabilities. Then, we design a plan related to this activity with consider human resources, the level of ability of students, and resources time.



Figure 1. ANBK Simulation Assistance

Stage 2

After planning the KKN Teaching program, the next stage is: implementation stage. At SDN Legokhuni, learning activities are for class 1 and class 2 indeed has been focused on increasing Calistung's capabilities. Hence the improvement efforts We adjust Calistung's abilities for grades 1 and 2 according to existing school programs walk. This activity is carried out by following subjects according to the lesson schedule. Calistung teaching for grades 1 and 2 is focused on basic Calistung abilities, such as writing numbers 1-10, writing days and dates, writing full names, reading simple narratives, reading sentences, carrying out simple interpretations of narrative texts that have been read together, as well as calculate simple addition and subtraction. KKN Teaching activities in class 1 and class 2 implemented for 2 days.

Calistung teaching for grades 3 to 4 is carried out at the same time for 2 days. Calistung teaching is adjusted to follow the subject schedule applies in every class. During learning, we focus on not giving psychological pressure that will make the learning atmosphere unpleasant. This is because a fun learning atmosphere that is adapted to the stage of student growth and development, in this case the elementary school level, which does a lot of play and exploration, will provide influence on student academic performance (Hernik & Jaworska, 2018). Therefore, method The learning we use for Legokhuni Elementary School students involves a lot of class discussions, student participation, a reward system in the form of praise, motivation and appreciation, as well as interludes of outside activities learning like a quiz. This is done in the hope of building a friendly classroom atmosphere fun so that it influences students' motivation to learn at school.

In teaching Calistung for grades 3 to grade 6, Calistung's abilities increase no longer focuses on basic Calistung abilities. We do more teaching Calistung goes hand in hand with subject material according to their subject schedule. Matter This is done so that students from grades 3 to 6 still receive appropriate learning materials curriculum while getting basic strengthening of their Calistung abilities. Besides, so do we provide special assistance with a personal approach to the students found have more severe difficulties in reading, writing and arithmetic than other students. This is done in the hope that students can improve their Calistung abilities without feel embarrassed because they are lagging behind their peers.



Figure 2. Calistung learning in grade 3



FIGURE 3. Calistung learning in class 2



FIGURE 4. Calistung learning in grade 6

Stage 3

After the implementation is complete, the next stage is data processing a form of data that can be understood and utilized. From the existing findings, we as Indonesian Education University KKN students put together thoughts and ideas to produce results papers. The result of this entire process is a report in the form of a scientific article, which is the result end of the Indonesian Education University Real Work Lecture.

4. CONCLUSION

Highlights the important role that education has in individual development and society, education is considered a fundamental right of every individual who plays a role in forms the foundation for the progress and sustainability of a country. However, Indonesia still facing various challenges in the education sector, such as lack of quality teachers, achievement low number of students, and lack of awareness of the importance of education among the community. One of the negative consequences of inequality in education is the level of literacy and low numeracy skills in children.

Calistung (reading, writing and arithmetic) are very crucial basic skills, especially in the early stages of education. Although the rules for admitting students have been experienced changes, Calistung's capabilities remain an important focus in improving quality education. Legokhuni Elementary School is the subject of this research, with the aim of improving capabilities Calistung students through the Real Work Lecture (KKN) Teaching program.

Through method qualitative and literature studies, this program tries to support the achievement of sustainable development goals (SDGs), especially in creating quality education. This program involves teaching and mentoring at various grade levels, with special emphasis on basic abilities at the initial level as well as integration of Calistung with higher subjects. After the program is implemented, the data is collected and processed into scientific articles as reports the end of this KKN, which is expected to make a positive contribution to understanding and improving education and Calistung's abilities at SDN Legokhuni.

Some suggestions that can be implemented in similar activities in the future are: collaborate with teaching staff. This is because, the teaching staff has valuable experience and insight into student needs and characteristics. So that, Good collaboration will improve and strengthen the effectiveness of the program. Besides that, similar activities carried out over a long period of time accompanied by periodic evaluations highly recommended. This will make the effectiveness of this activity more measurable.

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