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LANGUAGE LITERACY AND NUMERACY IN THE ERA OF SOCIETY 5.0

Oleh :

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ABSTRACT

This community service aims to improve language literacy and numeracy at SMA N 1 Lumban Julu for the better. The location that became the place of this service was at SMA N 1 Lumban Julu, Lumban Julu District, Toba Regency. To achieve the desired goals in the implementation of this service, several methods or ways have been carried out, which include core programs and additional programs such as creating a literacy tree containing several mathematical formulas and some motivations in English in order to help students improve language literacy and numeracy. The real results of the implementation of this community service activity help students in learning to be better.

Keywords : *Language literacy, Numeracy literacy, The era of Society 5.0*

ABSTRAK

Pengabdian kepada masyarakat ini bertujuan untuk meningkatkan literasi bahasa dan numerasi pada SMA N 1 Lumban Julu menjadi lebih baik. Lokasi yang menjadi tempat pengabdian ini yaitu di SMA N 1 Lumban Julu kecamatan Lumban Julu Kabupaten Toba. Untuk mencapai tujuan yang diinginkan dalam pelaksanaan pengabdian ini beberapa metode atau cara yang telah dilakukan yaitu mencakup program inti dan program tambahan seperti membuat pohon literasi yang berisi beberapa rumus matematika dan beberapa motivasi dalam bahasa inggris agar dapat membantu siswa-siswi dalam meningkatkan literasi bahasa dan numerasi. Hasil nyata dari pelaksanaan kegiatan pengabdian ini membantu siswa-siswi dalam pembelajaran menjadi lebih baik.

Kata kunci : *Literasi bahasa, Literasi Numerasi, era masyarakat 5.0*

1. INTRODUCTION

Education is a human need. Education always undergoes changes, developments and improvements in accordance with developments in all areas

of life. Changes and improvements in the field of education include various components involved in it, both the implementation of education in the field (teacher competence and the quality of educators), the quality of education,



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curriculum tools, educational facilities and infrastructure and the quality of education management including changes in more innovative learning methods and strategies. The national education system must always be developed in accordance with the needs and developments that occur at the local, national, and global levels (Mulyasa, 2006: 4).

Literacy is an umbrella term that refers to an individual's set of abilities and skills in reading, writing, speaking, counting, and problem solving at a specific level of expertise required in everyday life. Thus, literacy cannot be separated from language skills. In the Latin language, the term literacy is referred to as *literatorus*, meaning a person who learns. Furthermore, the National Institute for Literacy explains that what is meant by literacy is a person's ability to read, write, speak, count, and solve problems at the level of expertise required in work, family, and society. The Education Development Center (EDC) also describes the meaning of literacy, namely the ability of individuals to use their potential, and not limited to literacy. According to

UNESCO, a person's understanding of literacy will be influenced by academic competence, national context, institutions, cultural values and experiences. Then, in the Merriam Webster online dictionary, it is explained that literacy is the ability or quality of literacy in which there is the ability to read, write, and recognize and understand ideas visually. Numeracy literacy is the ability or ability to develop knowledge and skills to use mathematics confidently in all aspects of life. Numeracy literacy includes knowledge, skills, behaviors, and positive behaviors.

The era of Society 5.0 is an era where technology and information are increasingly advanced and increasingly complex. These advances put humans in the prime focus in the face of increasingly rapid and complex change. Therefore, language literacy and numeracy skills are very important in facing the era of Society 5.0. Language literacy is very important in the era of Society 5.0 because technology makes it easier to access information from various parts of the world. In this era, one needs to be able to access and understand information in different languages.



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Language literacy skills allow a person to understand information in different languages well. In addition to language literacy, numeracy skills are also very important in the era of Society 5.0. Technology is evolving rapidly and more and more data is being generated all the time. Numeracy skills allow one to understand, analyze, and utilize data effectively. In the era of Society 5.0, the use of data is very important in developing effective and efficient technology. Therefore, numeracy skills are very important in the development of technology that can provide benefits to society at large.

In reality, the literacy rate in Indonesia is still very low. This is shown in the survey results which place Indonesia in the 62nd position out of 70 countries (Utami L. D., 2021). Meanwhile, the results of PISA (Program for International Student Assessment) 2018 show that the literacy ability of Indonesian students ranks 6th from the bottom with an average score of 371. While mathematics ability is in 7th place from the bottom with a score

of 379, down from the previous rank in 2015 (Sidu, 2020).

Then based on the results of TIMMS (Trends International Mathematics and science Study) in 2015, it shows that Indonesia is still in a low rank (Prasetyo, 2020). According to Yuri (in (National Literacy Movement, 2019)) said that students in Indonesia are still weak in understanding multiple texts, or in other words still lacking in understanding information. This shows that the literacy and numeracy skills of Indonesian students are still below the world average which has now entered the Digital Era.

Therefore, in the era of Society 5.0, language literacy and numeracy skills are very important. Language literacy allows a person to access and understand information in different languages, as well as communicate effectively with people from different cultural and linguistic backgrounds. Numeracy skills allow a person to understand, analyze, and utilize data effectively, as well as make data-driven decisions. Therefore, the development of language literacy and



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numeracy skills is very important in facing the era of Society 5.0

2. METHODS

The method in this service is the Field method, the field method is direct research into the field to obtain information. This research was conducted by observation, this study was a qualitative descriptive research. This Community Service is located at SMA N 1 Lumban Julu. The target in this community service activity is the students of SMA N 1 Lumban Julu. The students who participated during this service activity were all students from class X (ten) at SMA N 1 Lumban Julu.

3. RESULTS AND DISCUSSION

Community service activities at SMA N 1 Lumban Julu, Sinar Sabungan Village, Bonatua Lunasi District, Toba Regency. Held from February 6 – February 24, 2023, face-to-face with the target to develop Language Literacy and Numeracy in the Society Era 5.0 for students of SMA N 1 Lumban Julu.

During the service, several things have been achieved at SMA N 1 Lumban Julu,

Sinar Sabungan Village, Bonatua Lunasi District, Toba Regency. Among them are as follows:

1. Achievement of Goals

Students of SMA N 1 Lumban Julu are very enthusiastic in welcoming and participating in activities from PKM students such as literacy socialization activities, teaching and learning, and several activities directed directly by the school to the service members. The purpose of this service is to improve literacy and character education at SMA N 1 Lumban Julu, Sinar Sabungan Village, Bonatua Lunasi District, Toba Regency and this goal can be achieved with several activities such as,

a. Teaching and Learning

This activity is carried out every day during class hours, the devotees take the role of teachers at SMA N 1 Lumban Julu. The total classes entered by the devotees amounted to 6 classes, each class was entered by 1 service member and there were 2 classes combined



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because of the small number of students, namely social studies class 2 and social studies 3. With the theme of language literacy and numeracy in the era of society 5.0,

in this activity the students were very enthusiastic in participating in each activity carried out to add insight in using technology as a learning medium.



Picture 1 Language Literacy Socialization Activities at SMA N 1 Lumban Julu

Teaching and learning activities at SMA N 1 Lumban Julu begin on Monday, February 6, 2023. On the first day we held the teaching and learning process we found that this school can be said to be a good school, as seen from the buildings that are still suitable for use for learning and facilities that are complete enough to be

used by students and teachers in this school. It can be seen from several things such as the feasibility of facilities and infrastructure, the lack of inexperienced educators, and the character of students in this school is still lacking and needs improvement.



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Figure 2 Numeration Literacy socialization activity at SMA N 1 Lumban Julu

The second socialization activity was carried out in class X of SMA N 1 Lumban Julu on the topic of Numeracy Literacy. Socialization was carried out from 09.00-10.00 WIB, students at this

school were very enthusiastic in participating in socialization activities, and students here can be said to be able to understand numeracy literacy.



Picture 3 Teaching and learning activities at SMA N 1 Lumban Julu



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Figure 4 Making Language Literacy and Numeracy Tree at SMA N 1 Lumban Julu

This language literacy and numeracy tree making activity was held on February 24.

4. CONCLUSION

Broadly speaking, this service activity went smoothly, and the purpose of this service was realized, although there were some activities that did not run due to a short time. Language literacy and numeracy at SMA N 1 Lumban Julu have improved, this can be seen through social activities and applications carried out to students. In addition, the understanding of language literacy and numeracy in this school has been better.

Suggestion

It is hoped that students at SMA N 1 Lumban Julu can improve language literacy and numeracy, especially for students who are still lacking in understanding what language literacy and numeracy are in the era of society 5.0. Hopefully this final report can be useful to many people, and the author is aware of this scientific work which is still not perfect, therefore the author accepts suggestions and criticisms from readers.



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Universitas Darma Agung MEDAN

5. BIBLIOGRAPHY

- Asniyah⁰⁹. peluang-dan- pendidikan-di-
era-society-5-
0.<https://www.kompasiana.com>
<https://barki.uma.ac.id/2021/12/08/pengertian-literasi-menurut-para-ahli-tujuan-manfaat-jenis-dan-prinsip/>
<https://id.m.wikipedia.org/wiki/Literasi#:~:text=Literasi%20atau%20kemelek-an%20adalah%20istilah,diperlukan%20dalam%20kehidupan%20sehari%2Dhari>
<https://gln.kemdikbud.go.id/glnsite/buku-literasi-numerasi/>
- Ruslan. (2017). Membangun Literasi Masyarakat Melalui Taman Bacaan Masyarakat: Eksplorasi Pengalaman Community Engagement Program di Cot Lamme – Aceh Besar. Volume 19 No. 2
- Sari, E., & Majo, H. K. (2023). Peran Konselor dalam Pendidikan Karakter. *Jurnal Bimbingan dan Konseling Terapan*, 6(2), 135-141.
- Sinta, L., Malaikosa, Y. M. L., & Supriyanto, D. H. (2022). Implementasi Penguatan Pendidikan Karakter pada Siswa Kelas Rendah di Sekolah Dasar. *Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini*, 6(4), 3193-3202.
- Mulyasa, E. (2006). Kurikulum Tingkat Satuan Pendidikan. Bandung: Penerbit PT Remaja Rosdakarya.