# SYSTEMATIC LITERATURE REVIEW (SLR) LEARNING COMMUNITIES BECOME A MEANS STUDENTS' LEARNING AND SELF- DEVELOPMENT

# Masriyudin

Department of Non-formal Education, Faculty of Teacher Training And Education Sciences, Banten-Indonesia

Email correspondence: <u>2221230053@untirta.ac.id</u>

#### ABSTRACT

This systematic literature review (SLR) aims to explore the development of effective and sustainable learning communities and how to improve students' learning abilities through learning communities. This research uses the SLR methodology to examine the development of learning communities. Research was conducted to collect, analyze and integrate relevant research findings related to the topic of " learning communities. " To be a means of learning and self-development for students." The results are expected to contribute to the development of an effective and sustainable learning community and improve students' learning abilities. This study discusses the theory and concept of learning communities, as well as strategies for developing effective and sustainable learning communities. It also explores ways to improve students' learning abilities through learning communities. These findings highlight the importance of learning communities in enhancing students' learning and self-development, emphasizing the need for further research to improve the effectiveness of learning communities.

Keywords: learning community, self-development

### INTRODUCTION

Education is an important aspect of human life which plays a crucial role in the formation of individuals and society. The learning process focuses not only on acquiring knowledge and skills, but also on holistic self-development. In the era of globalization and rapid technological development, innovative and effective learning approaches are becoming increasingly necessary to meet the demands of ever-changing times. One approach that is increasingly popular in the learning context is the concept of learning communities. A learning community is a forum where individuals can share knowledge, experiences and ideas to improve learning abilities and self-development. In the educational context, learning communities are an effective means of facilitating students' learning processes outside the formal school environment. Through learning communities, students can interact, discuss and collaborate with fellow members to achieve common learning goals. The role of learning communities in improving the quality of student learning has become the focus of increasingly in-depth research. Recent studies show that participation in learning communities can have a positive impact on students' cognitive, affective and psychomotor aspects. With information and communication technology, learning communities can be run online, allowing access for students from various geographic locations. Apart from that, learning communities can also be a means to develop students' soft skills, such as communication, collaboration and leadership skills. In a learning community environment, students can learn to adapt, collaborate, and solve problems together, skills that are indispensable in today's competitive world of work. Thus, learning communities not only play a role in the acquisition of knowledge, but also in the formation of students' character and social skills. The importance of developing an effective and sustainable learning community is a major concern in





the educational context. Creative, collaborative and inclusive learning management strategies are the key to building a learning community that provides maximum benefits for its members. Psychological support, motivation and a conducive learning environment also play a role in the success of learning communities as alternative learning facilities. In this research, we will discuss in depth the development of learning communities as a means of learning and student self-development. Through a Systematic Literature Review (SLR) approach, we will identify and analyze various journal articles related to learning communities to gain a more comprehensive understanding of the role and benefits of learning communities in the educational context. Thus, it is hoped that this research can make a valuable contribution to the development of more inclusive, collaborative and effective education through the use of learning communities as an innovative learning strategy. Adequate facilities and infrastructure can be a supporting factor for successful learning (Darmawan et al, 2024). Concepts and infrastructure in education refer to the management of school facilities which function as a support system for the learning process for both students and teachers. This ensures that both parties can fulfill their rights and responsibilities in achieving educational goals effectively. Learning facilities include areas such as study rooms, office space, educational tools, teaching aids, media, laboratories, and others. Management of educational facilities and infrastructure includes various stages such as planning, procurement, inventory, storage, organization, utilization, transfer and reporting. It has been noted that the quality of learning support facilities significantly impacts student academic performance, with schools that have more comprehensive facilities generally producing higher levels of student achievement. In contrast, institutions with limited facilities tend to observe lower academic outcomes. Apart from equipment, effective management of the learning environment is also important to support student learning effectiveness. An efficient learning environment can increase student comfort during the learning process and assist in achieving educational goals as planned. Establishing a conducive learning atmosphere is beneficial in promoting students' critical thinking, nurturing creativity, and encouraging active participation in learning activities, thereby ensuring a comfortable learning environment. When students are involved in the learning process, they tend to experience various transformations, which are often reflected in their academic results. Successful curriculum management relies heavily on the efficient operation of facilities and infrastructure to ensure that the learning process is effective and aligned with curriculum objectives. Proper management is critical to the success of learning efforts. Following a well-designed curriculum, coupled with effective infrastructure management, leads to a highly effective student learning experience, thereby facilitating the achievement of educational goals and reducing obstacles in the learning journey. To maintain a dynamic and creative learning process, it is critical to manage the curriculum efficiently, optimize learning management practices, and ensure consistent attention to the supporting infrastructure to effectively navigate the student learning experience. A feasible approach to strengthening the learning process is through the formation of learning communities, which function as platforms for student development, such as learning writing communities (KBM) and Independent Learning Communities. An effective strategy for improving students' learning abilities involves cultivating learning communities, defined as spaces where students can exchange knowledge, experiences, and ideas, encouraging interactive discussions and sharing information to enhance learning abilities and personal growth. Learning communities have gained popularity in recent years as an effective strategy for increasing students' learning capacity, especially with the integration of information and communications technology to facilitate online interactions among students from different locations. Various studies have shown that learning communities contribute to improving students' cognitive, affective, and psychomotor skills, although more research is needed to optimize their effectiveness. Emphasis should be placed on developing sustainable and efficient learning communities to improve learning outcomes and student self-development. We will examine how to develop an effective and sustainable learning community, as well as how to improve students' learning abilities through learning communities. In this research, we will use a Systematic Literature Review (SLR) to examine the development of learning communities. It is hoped that the results of this





research can contribute to the development of an effective and sustainable learning community, as well as improving students' learning abilities. In the next chapter, we will discuss the theory and concept of learning communities, as well as how to develop effective and sustainable learning communities. We will also discuss how to improve students' learning abilities through learning communities.

# **RESEACH METHODS**

This research was conducted using the Systematic Literature Review (SLR) method which aims to collect, analyze and integrate relevant research results related to the topic "Learning Communities as a Means for Student Learning and Self-Development". SLR is a research method used to identify, evaluate, and interpret all relevant research results related to a particular research question, particular topic, or phenomenon of concern. The first step in conducting SLR is to formulate clear and specific research questions related to the topic to be researched. This research question will guide the process of searching, selecting, and analyzing relevant literature. In the context of this research, the research question asked is how the development of a learning community can improve students' learning abilities and facilitate their self-development. After formulating research questions, the next step is to search for relevant literature using academic databases such as Google Scholar, ResearchGate, and related journal databases. A literature search was carried out using a combination of keywords appropriate to the research topic, such as "learning community", "student self-development", and "learning community effectiveness". After conducting a literature search, researchers selected articles based on predetermined inclusion and exclusion criteria. Articles that are relevant to the research topic and meet the inclusion criteria will be selected for further analysis. Inclusion criteria may include year of publication of the article, research methods, relevance to the research topic, and quality of the research. After selecting articles, the next step is to read and analyze each article in depth. Researchers will extract important information from each article related to findings, research methodology, results, and conclusions relevant to the research topic. The extracted information will be used to build a conceptual framework and data analysis. During the data analysis process, researchers will identify patterns, findings, and conclusions that emerge from the articles that have been analyzed. Data obtained from SLR will be synthesized and interpreted to produce a deeper understanding of the role and benefits of learning communities in the context of student learning and self-development. Apart from that, researchers will also assess the quality of the research methodology of each article that has been analyzed. This assessment aims to evaluate the validity and reliability of the research results used in the SLR. Articles that have a strong and relevant research methodology will be given more weight in data analysis. In this research process, researchers will also use a qualitative approach to analyze the data obtained from the SLR. A qualitative approach allows researchers to understand the context, meaning and interpretation of the findings found in the articles that have been analyzed. Apart from that, researchers will also use a descriptive approach to present findings and data analysis in a systematic and structured manner. A descriptive approach will help in organizing the information obtained from the SLR so that it can be presented clearly and comprehensively. In this research process, researchers will follow the steps set out in the SLR protocol that has been prepared previously. The SLR protocol will be a guide in every stage of the research, starting from literature search, article selection, data analysis, to preparing the final research report. This research will also pay attention to ethical aspects of research, such as respecting copyright and citing sources accurately in accordance with applicable scientific writing rules. Researchers will ensure that all information used in this research comes from legitimate and reliable sources. In conclusion, this research methodology will provide a strong foundation for identifying, analyzing and interpreting research results related to the role and benefits of learning communities in the context of student learning and self-development. With a systematic and structured SLR approach, it is hoped that this research can





provide a valuable contribution to the development of more inclusive, collaborative and effective education through the use of learning communities as an innovative learning strategy. With the following stages:

First, the question is how does the learning community influence ?

Second Population data in research This is journal Which focused in the student learning community Third after getting various articles. Researchers obtained 5 0 articles connect with the learning community on Google Scholar Database searches, then select 25 articles related to the topic being researched from several articles. Then study the article in detail and according to the material Education character, on 2 5 article in inclusion And researched in a way detailed become 7 articlewhich is in accordance with the theme of the discussion, then not included in the discussion or search. 7 articles were found that were particularly in line with the theme being researched presented in the discussion and conclusion sections. The following is a flow diagram of the exclusion process And inclusion on Systematic stage Reviews (n : number of articles)







7 articles were included for analysis and interpretation





# **RESULTS AND DISCUSSION**

A learning community, also called a learning organization, is a group of people who come together and interact with each other, share values, norms, and beliefs, and are actively involved in the learning process. Learning communities greatly influence teachers' ability to teach and educators' abilities in the educational, personal, social and professional fields. Based on research, every 1% increase in the learning community variable is associated with an increase in pedagogical ability of 0.396. In addition, learning communities help teachers gain an understanding of the implementation of the independent curriculum, make it easier for them to understand the new curriculum, and help them improve their pedagogical skills.

Based on 7 journal article sources that have been determined to meet the inclusion criteria so as for information results his research as follows on Table 1.

Researcher And	Journal	Results Study
Year		
Study		
Ratu Yunita Sekar, Nike Kamarubiani (2020)	Learning Community as a Means of Learning and Personal Development	learning community . The community is a learning place where students can gain academic knowledge and develop self- knowledge and develop themselves. There are three main reasons why someone should join a learning community : understanding, content taught, and connection to the past. why someone should join a learning community: understanding, content taught, and connection to the past. Apart from that, members of learning communities can also benefit from other aspects of life, such as developing new relationships with other people, new skills, developing self-confidence, and building networks. Members of learning communities can also benefit from other aspects of life, such as developing new relationships with others, learning new skills, developing self- confidence, and building a network.
Galuh Tiara Krisna Putri, Setiyo Hartoto (2020)	Whole Method to ImproveStudents'Freestyle	Based on the results of research and analysis that have been completed, examples can be presented as follows: research and analysis. Results that have been completed, examples can be presented as follows: 1. There is a significant influence from the application of part and all of the method on students' swimming skills through the learning community. significant influence of partial and overall application of the method on students' swimming skills through learning communities. 2. The overall approach is to improve students' skills in approaching students through learning communities by around 46%. Increasing

#### Table. 1 Results Study to Interest Study Physical education Student in School Base.





		swimming		through	learning
	communi	ties by aroun	d 46%.		



Prana's blessing Divine , Muhamad Yusuf , Doli Witro (2022)	Learning Community as a Model of Religious Education in Islamic Boarding School Religious Institutions to Improve the Speaking Character of Santri	learning community experience significant changechange in responsein response to a fast- paced world .to a fast-paced world . Independent learning communities are formed in order to provide alternative learning facilities and motivate them to form a learning and cooperative mindset. Factors such as parenting, free time, health, laziness, and poor concentration are some of the things that students learn. Parenting patterns, free time, health, laziness, and poor concentration are among the things students learn. Through special teaching instructions that focus on improving language skills, it is hoped that students will be more involved in their learning, so that initial learning becomes more interesting. Focusing on improving language skills, it is hoped that students will be more active in their learning, making initial learning interesting.
Sandra Titihalawa , Titi Prihatin, Suwito Eko Pramono	The Role of School Principals and Learning Communities in Improving the Pedagogical Competence of Educators at Jayapura Joint High School	The findings from this research are that the principal's behavior has a significant negative impact on the learning community climate. From this research it is that the principal's behavior has a significant negative impact on the learning community climate. The principal has succeeded in creating an effective learning community so that it can function as a forum for learning. The school has succeeded in creating an effective learning community, so that it can function as a place to exchange knowledge and resolve conflicts during the teaching process. The data shows that learning communities climate communities can be formed through long-term mentoring programs carried out by school principals so that they can provide maximum contribution from the community in improving teacher competency. can be formed through long-term mentoring programs for school principals, so as to produce maximum contribution from the community in improving The level of teacher competence. The correlation coefficient between the speed of cooperative learning and increasing the pedagogical competence of educators is around r = 0.707 where r < 100% gives very good learning results. The contribution of the learning community was very significant in improving the teaching and learning skills of individual students. The contribution was very significant in





King Ritonga, Rosni	Strengthening Driving	improving the teaching and learning skills of
Harahap, Robiyatul	Schools in Optimizing the	individual students.
Adawiyah, Haritsah Hammamah Harahap (2023)	Role of Learning Communities	activities are running efficiently and precisely. After completing the research, it can be concluded that the research service activities are running efficiently and precisely. This service involves teachers, school principals and supervisors only to improve the learning process in educational units. Learning Community Learning (presented effectively by students. This is based on the results of assessments and evaluations carried out by the study team. On the results of assessments and evaluations completed by the study team. Furthermore, each participant in the activity must provide input and insight into Whatever will be discussed must be provided by each school. Feedback and insight into what will be discussed in each school. The community already understands that learning communities are one of the main forums for collaboration to overcome various problems that arise in the learning process, both. relating to students, teachers and other educational institutions. It is one of the main platforms for collaboration in order to overcome various problems that arise during the learning process, both relating to students, teachers and other educational institutions.









Alpino Susanto , Zia Hisni Mubarak (2020)	Developing English Communication Skills Through the Word Arrangement Game Method in the Dragonfly Kampung Tua Nongsa Batam Learning Community	Through this training program, it is hoped that participants will experience increased optimization and increased capacity to increase their proficiency in English. The core principles underlying this educational initiative center on providing guidance that cultivates individuals characterized by integrity and a strong drive to succeed, especially in terms of their aptitude for accurate and contextually appropriate English communication.
Edi Sutomo (2022)	Formation of an Independent Learning Community for Student Learning Activities in the Unimuda Sorong Biology Education Study Program for the 2021/2022 Academic Year.	Based on the findings of this investigation, it is possible to conclude that the efficacy of building self-directed learning communities impacts student learning efforts. Comparative results revealed that semester 2 showed three levels of effectiveness, while one level was relatively less effective when assessed through questionnaire results. As a result, it is concluded that the independent learning community positively influences learning activities, as shown by tcount exceeding ttabular (-2.334 < -3.397 > -1.585 = 0.044 > 0.009 < 0.147 at $\alpha$ 0.05). Additionally, differences in student learning engagement across semesters were observed when engaged in self-directed learning communities, as evidenced by increased data in the final survey. This is exemplified by tcount which is very less than ttable, indicating substantial variance (0.202 > 0.165 >378 with sig. 0.010 > 0.009 < 0.958 at $\alpha$ 0.05 ). The data results for male and female students show contrasting levels of activity in the independent learning community, although not statistically significant, as validated by tcount which is lower than ttabl (046 0.05 ). Overall, the results of this study establish that the formation of self-directed learning communities, a fact that is supported by documentary evidence during the research period.

Based on the results of the journal review that has been presented, the discussion regarding the role of learning communities in students' learning and self-development can be strengthened by previous research. Some discussion points that can be conveyed are:

Effectiveness of Learning Communities : Research by Ratu Yunita Sekar and Nike Kamarubiani (2020) shows that learning communities are recognized as effective non-formal forums in helping students develop themselves and gain academic knowledge. This is in line





with findings from the journals reviewed, which show that learning communities have a positive role in improving the quality of learning. Thus, it can be concluded that the learning community makes a significant contribution to students' self-development.

Application of Learning Methods: Research by Galuh Tiara Krisna Putri and Setivo Hartoto (2020) shows that the application of part and whole methods in learning communities can significantly improve students' swimming skills. This shows that the learning strategies implemented in the learning community have a positive impact on the development of students' skills. Previous research shows that learning communities have a significant influence on students' daily lives and learning processes. This confirms that interaction and collaboration in a learning community can bring wider benefits to students' self-development. Support from previous research strengthens the argument that learning communities have an important role in forming an effective learning environment. By integrating findings from various studies, it can be concluded that learning communities are an effective means of improving the quality of learning and students' self-development. Support from previous research provides a strong foundation for understanding the benefits and effectiveness of learning communities in educational contexts. Discussion The discussion in this research will discuss in depth the role and benefits of learning communities as a means of learning and selfdevelopment for students. In the educational context, learning communities have become an effective strategy in increasing learning motivation, skill development and social interaction among students. Based on the research results that have been analyzed, there are several interesting findings related to the role of learning communities in the learning context. One of the significant findings from this research is students' motivation to join the learning community. This motivation can come from interest in the learning topics taught in the learning community, learning content that is relevant to personal interests and needs, as well as the relationship of learning material to future careers or self-development. This shows that learning communities can be an effective means of motivating students in the learning process. Apart from motivation, learning communities also provide significant benefits in students' self-development. In terms of relationships with other people, learning community members can expand their social networks, build new relationships, and improve communication and collaboration skills. Social interactions that occur in learning communities can also increase students' self-confidence and courage in communicating and interacting with other people. Acquiring new knowledge is also one of the benefits obtained from learning communities. Through discussions, questions and answers, and collaboration with other members of the learning community, students can broaden their horizons and knowledge about various learning topics. This can help students develop a deeper and more comprehensive understanding of the learning material being taught. Skill development is also the main focus in the learning community. With various interactive and collaborative learning activities, students have the opportunity to hone their skills in various fields, such as critical thinking skills, creativity, problem solving, and communication skills. Developing these skills will help students prepare themselves to face the challenges and demands of the world of work in the future. Self-confidence is an important aspect that is also gained through participation in learning communities. With support and appreciation from members of the learning community, students will feel more confident in expressing opinions, sharing ideas, and contributing to group discussions. This will help in building a strong and positive sense of self-confidence in students. Networking or social networks built through learning





communities also have very important value in students' self-development. By having the opportunity to interact with a variety of people from different backgrounds, students can expand their social and professional networks. This networking can open up new opportunities in students' careers and self-development in the future. Apart from the benefits mentioned above, learning communities also provide space for students to learn independently and take initiative. In a learning community, students have the freedom to explore their interests and talents, develop creativity, and pursue specific learning goals according to their personal needs and aspirations. This will help students develop their potential and talents optimally. In terms of learning approaches, learning communities offer collaborative, interactive and participatory learning models. In a learning community, students are invited to be actively involved in the learning process, share knowledge and experiences, and support each other in achieving common learning goals. This learning approach will help students build the social, cooperative and leadership skills needed in everyday life. Apart from that, learning communities also provide opportunities for students to learn from practical and real experiences. With field activities, industrial visits, or collaborative projects in learning communities, students can apply the theoretical knowledge they learn in real situations. This will help students develop practical skills and a deeper understanding of learning concepts. In the context of self-development, learning communities also provide opportunities for students to identify and develop their potential. With support and guidance from members of the learning community and facilitators, students can explore their interests, talents and strengths in a more focused and systematic manner. This will help students develop a strong and positive self-identity. Apart from that, learning communities also provide opportunities for students to learn about social values, ethics and morality. In the social interactions that occur in learning communities, students are invited to understand and appreciate differences, develop empathy and tolerance, and practice the values of honesty, integrity and responsibility. This will help students form good and positive character and personality. In the context of developing social skills, learning communities also provide opportunities for students to practice communicating, collaborating and interacting with other people. By having group discussions, collaborative projects, and social activities in learning communities, students can hone verbal and non-verbal communication skills, the ability to work together in teams, and sensitivity to the needs and perspectives of others. In addition, learning communities also provide opportunities for students to develop critical and analytical thinking skills. In discussions, debates and analysis of learning material, students are invited to question, evaluate and conclude information critically and rationally. This will help students develop the logical, analytical and critical thinking skills needed to face complex challenges in the real world. In the context of developing creativity, learning communities also provide opportunities for students to express their creative and innovative ideas. By having free discussions, brainstorming, and collaborative projects in learning communities, students can develop creativity, imagination, and innovation in solving problems and creating new and original solutions. This will help students develop creative and innovative thinking skills needed to face challenges and changes in this digital era.





#### CONCLUSIONS AND RECOMMENDATIONS

From the results of a review of journals related to the role of learning communities in the learning process and students' self-development, it can be concluded that learning communities have an important role in improving the quality of student learning. Various findings show that through learning communities, students can gain new knowledge, develop skills, expand social networks, and increase self-confidence. Learning communities also provide opportunities for students to learn collaboratively, actively and integratedly, which can increase learning effectiveness. In addition, the findings from these journals also highlight the importance of developing effective and sustainable learning communities. With a good learning community, students can feel more motivated, be actively involved in the learning process, and support each other in achieving learning goals. This shows that learning communities are not only a place to gain knowledge, but also as a forum for students' personal and social growth. Based on these conclusions, several suggestions can be given to increase the role of learning communities in education:

1. Encourage Collaboration: Schools and educational institutions can encourage students to engage in collaborative learning communities, where they can support each other and learn together.

2. Development of Social Skills: Learning communities can be a means of developing students' social skills, such as the ability to communicate, work together and build good relationships.

3. Supporters and Facilitators: Teachers and educators can act as supporters and facilitators in the development of effective learning communities, by providing the necessary guidance, support and direction.

4. Use of Technology: The use of technology can expand students' access to online learning communities, thereby enabling more flexible interaction and learning.

By implementing the suggestions above, it is hoped that the role of learning communities in education can be further enhanced, thereby providing greater benefits for students' learning and self-development. An effective and sustainable learning community can be one of the keys to creating a learning environment that is inclusive, collaborative, and has a positive impact on holistic student development.





### REFERENCES

Darmawan, D., Karlina, T., & Hanafi, S. (2024). Pelaksanaan Pembelajaran Program Pendidikan Kesetaraan Paket C di Satuan Pendidikan Non Formal (SPNF) Sanggar Kegiatan Belajar (SKB) Kota Serang. *Jurnal Ilmiah Profesi Pendidikan*, *9*(1), 491-498.

Ilahi, R. P., Yusuf, M., & Witro, D. (2022). Komunitas Belajar Sebagai Model Pendidikan Agama pada Institusi Keagamaan Pesantren untuk Meningkatkan Karakter Berbicara Santri. *EL-TARBAWI*, *15*(1), 107-126.

Putri, G. T. K., & Hartoto, S. (2020). Penerapan Part And Whole Method Terhadap Peningkatan Keterampilan Renang Gaya Bebas Mahasiswa Melalui Komunitas Belajar. *Jurnal Pendidikan Olahraga Dan Kesehatan*, *8*(1), 263-267.

Ritonga, R., Harahap, R., Adawiyah, R., & Harahap, H. H. (2023). PENGUATAN SEKOLAH PENGGERAK DALAM OPTIMALISASI PERAN KOMUNITAS BELAJAR. *Journal of Community Dedication and Development (Pengabdian Kepada Masyarakat)*, *3*(2), 25-36.

Sekar, R. Y., & Kamarubiani, N. (2020). Komunitas Belajar Sebagai Sarana Belajar dan Pengembangan Diri. *Indonesian Journal of Adult and Community Education*, *2*(1), 10-15.

Susanto, A., & Mubarak, Z. H. (2020). Pembinaan keterampilan komunikasi Bahasa Inggris melalui metode permainan susun kata pada komunitas belajar Capung Kampung Tua Nongsa Batam. *Puan Indonesia*, 2(1), 33-44.

Sutomo, E. (2022). PEMBENTUKAN KOMUNITAS BELAJAR MANDIRI TERHADAP AKTIFITAS BELAJAR MAHASISWA PROGRAM STUDI PENDIDIKAN BIOLOGI UNIMUDA SORONG TAHUN AKADEMIK 2021/2022. *Biolearning Journal*, *9*(2), 39-44.

Titihalawa, S., Prihatin, T., & Pramono, S. E. (2023, June). Peran Kepala Sekolah dan Komunitas Belajar dalam Meningkatkan Kompetensi Pedagogik Pendidik. In *Prosiding Seminar Nasional Pascasarjana (PROSNAMPAS)* (Vol. 6, No. 1, pp. 716-720).

