



## Innovative Learning Design Using Canva and Padlet for Teachers: Community Service (PKM)

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### Abstract

In the ever-evolving landscape of education, the quest for innovative approaches to learning design is paramount. This research delves into the realm of Innovative Learning Design using Canva and Padlet for teachers engaged in Community Service (PKM). Recognizing the crucial role of instructional materials in facilitating effective teaching and learning, this study seeks to assess the transformative potential of these digital tools in enhancing educators' pedagogical practices. This PKM was implemented at the Karawaci 13 public elementary school (SD), in Tangerang City. The training participants involved 11 teachers. The PKM implementation method consists of several steps, namely identification of problems, data collection, making proposals, training, making activity reports article writing. The results of the training received a positive response from the teachers because they were able to create learning designs using Canva and Padlet. According to teachers, learning design using Canva and Padlet is more interesting to apply in the learning process for elementary school children. In conclusion, implementing Canva and Padlet training can be an alternative for teachers to make classroom learning more interesting. The implications of this PKM can be used as an acceleration program in the development of professional teacher development which needs to be considered by school administrators and stakeholders. PKM is further advised to involve more elementary school teachers in Tangerang City and in the Regency.

**Keywords:** Innovative learning design; Canva and Padlet; teachers; community service (PKM); education technology

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### Introduction

Innovative learning design refers to the development of novel approaches and strategies to engage students and enhance their learning experiences<sup>[1]</sup>. The aspects of innovative learning design: (1) Adaptation to Modern Technology. Innovative learning design often incorporates the use of technology to facilitate learning<sup>[2]</sup> This may include leveraging digital tools, software, online platforms, and mobile apps to create interactive and engaging learning experiences. For example, the use of learning management systems, virtual reality, or AI-powered educational resources. (2) Personalization. It involves tailoring educational content and activities to individual learners or groups based on their needs, interests, and abilities<sup>[3]</sup>. Adaptive learning algorithms and data-driven insights are often used to personalize the learning journey, ensuring that learners receive content at the right level and pace.

(3) Active Learning. Innovative learning design promotes active engagement and participation by learners<sup>[4]</sup>. This may involve collaborative projects, discussions, problem-solving activities, and hands-on experiences. The aim is to move away from passive learning and encourage learners to construct knowledge actively. (4) Multimodal Learning. It recognizes that people have different learning styles and preferences<sup>[5]</sup>. As a result, innovative design incorporates various modes of content delivery, such as text, video, audio, infographics, and interactive simulations, to cater to diverse learning needs.

(5) **Real-World Relevance.** Innovative learning design often connects educational content to real-world applications and contexts. It helps learners understand how the knowledge and skills they acquire can be applied to solve practical problems or address relevant issues <sup>[6]</sup>. (6) **Flexibility and Accessibility.** This design approach acknowledges that learning can happen anytime and anywhere. It provides flexibility in terms of when and how learners access content, which is crucial for accommodating diverse schedules and learning environments <sup>[7]</sup>. (7) **Feedback and Assessment.** Continuous feedback mechanisms are integrated into the learning process to help learners track their progress and make improvements. This may involve formative assessments, peer feedback, self-assessments, and frequent opportunities for reflection <sup>[8]</sup>. (8) **Critical Thinking and Problem-Solving.** Innovative learning design encourages the development of critical thinking skills and the ability to solve complex problems. Learners are challenged to analyze information, evaluate evidence, and make informed decisions <sup>[9]</sup>. (9) **Collaboration and Communication.** It fosters collaboration among learners, enabling them to work together on projects, share ideas, and communicate effectively. This mirrors the collaborative nature of many real-world endeavors <sup>[10]</sup>. (10) **Professional Development for Educators.** Innovative learning design also encompasses ongoing professional development for educators. Teachers and instructors need training and support to effectively implement new teaching methods and technologies <sup>[11]</sup>.

In recent years, the integration of digital tools like Canva and Padlet has gained popularity among educators as they offer versatile solutions to create engaging educational content. Canva is a user-friendly graphic design tool that allows teachers to create visually appealing materials such as presentations, posters, worksheets, and infographics <sup>[12]</sup>. Its intuitive interface and a wide range of templates make it accessible even to educators with limited design experience. Padlet is a digital canvas or bulletin board that fosters collaboration and information sharing <sup>[13]</sup>. Educators use Padlet to facilitate interactive discussions, brainstorming sessions, and collaborative projects, promoting student engagement. The combination of Canva and Padlet enables teachers to design visually appealing content on Canva and then seamlessly integrate it into Padlet boards <sup>[14]</sup>. This integration creates an interactive and visually stimulating learning environment.

Incorporating Canva and Padlet into teaching materials can enhance student engagement by offering a visually stimulating and interactive learning experience <sup>[13]</sup>. This is particularly beneficial in remote or hybrid learning settings. Canva empowers both teachers and students to express their creativity through visual design <sup>[15]</sup>. This creativity can be harnessed to present information in innovative ways, encouraging critical thinking.

Teachers can customize Canva and Padlet to match their specific educational objectives, allowing for a personalized learning experience that caters to individual student needs <sup>[16]</sup>. Digital tools like Canva and Padlet can be adapted to accommodate diverse learning styles and abilities, promoting inclusivity in the classroom <sup>[17]</sup>. Padlet's collaborative features enable group discussions, peer reviews, and collaborative projects, fostering a sense of community and teamwork among students <sup>[18]</sup>. Educators can use Padlet to

collect assignments and provide feedback efficiently. The platform also allows for peer assessment and self-assessment activities <sup>[19]</sup>. Canva and Padlet provide opportunities for students to develop skills that are applicable in the real world, such as graphic design, digital collaboration, and information sharing. Teachers can also benefit from using Canva and Padlet for their own professional development, creating visually compelling presentations for workshops and conferences <sup>[13]</sup>. Many learning management systems (LMS) platforms support the integration of Canva and Padlet, making it easier for educators to incorporate these tools into their courses <sup>[20]</sup>.

Despite their benefits, using Canva and Padlet in education may present challenges related to accessibility, digital literacy, and privacy concerns. Educators need to address these issues when implementing these tools <sup>[21]</sup>. Research in the field of innovative learning design with Canva and Padlet has been evolving, with educators and scholars exploring the impact of these tools on student engagement, learning outcomes, and teaching strategies <sup>[16]</sup>.

Educators often use established pedagogical frameworks and theories to guide their use of Canva and Padlet, ensuring that these tools align with educational goals and principles <sup>[13]</sup>. Case studies examining the successful implementation of Canva and Padlet in various educational settings can provide valuable insights into best practices. The field of innovative learning design is dynamic, and educators can expect to see continuous advancements in the integration of technology tools like Canva and Padlet in education <sup>[22]</sup>. Professional development workshops and courses on using Canva and Padlet in education can help educators harness the full potential of these tools.

### Significance of the Study

This study holds profound significance for diverse stakeholders within the field of education. Firstly, it equips educators with a repository of innovative teaching methodologies to invigorate their pedagogical practices. By elucidating the potential advantages and challenges associated with Canva and Padlet in community service projects, educators can make informed decisions about the integration of these tools into their instructional approaches. Secondly, this research offers educational policymakers and institutions critical insights into the pivotal role of technology in fostering community engagement and social responsibility among students. Such knowledge informs curriculum development and institutional strategies that can adapt seamlessly to the ever-evolving landscape of education in the digital age.

Thirdly, students themselves stand to benefit from this research, as it could catalyze the development of more engaging and meaningful learning experiences. These experiences not only nurture academic growth but also foster personal and social development, empowering students to become well-rounded individuals poised to make a positive impact on their communities.

### Implementation Method

PKM will be held at SD Negeri Karawaci 13 on September 4, 2023, at Jalan. Ciindah V Number. 35, Bojong Jaya District, Karawaci, Tangerang City, Province Banten. Figure 1 PKM location.



**Fig 1:** Karawaci 13 State Elementary School

Based on partner problems, PKM is implemented to provide teachers with an alternative solution to the problem. The problems faced by teachers are (1) Technical proficiency. Many teachers may not be familiar with Canva and Padlet or lack the technical skills required to use these tools effectively, which can hinder their ability to create engaging learning materials. (2) Access to technology. In some educational settings, students may not have access to the necessary technology or internet connectivity to fully engage with Canva and Padlet, leading to inequalities in learning experiences. (3) Digital equity. Ensuring that all students have equal access to digital tools and resources can be a challenge, particularly in economically disadvantaged communities.

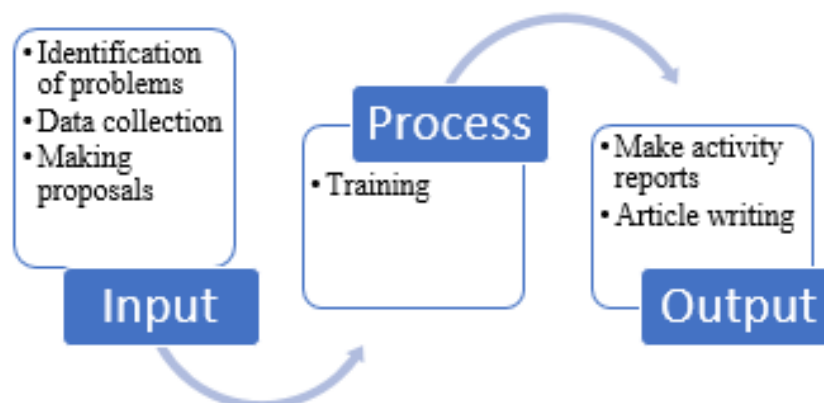
(4) Privacy and security. Teachers need to consider the privacy and security of student data when using online platforms like Padlet, which may require additional administrative oversight and precautions. (5) Resource development time. Creating high-quality learning materials using Canva can be time-consuming, and some teachers may struggle to balance this with their other responsibilities. (6) Pedagogical integration. Effective integration of Canva and Padlet into the curriculum requires aligning these tools with pedagogical goals, which can be challenging for some educators. (7) Technical support. Teachers may require ongoing technical support to troubleshoot issues, especially when dealing with a diverse range of devices and operating systems used by students.

(8) Engagement and motivation. While these tools can enhance engagement, ensuring that students remain

motivated and active participants in the learning process can be a continual challenge. (9) Assessment and evaluation. Developing fair and effective assessment strategies for activities conducted through Canva and Padlet may require creative approaches that align with traditional grading systems. (10) Professional development. Teachers need access to professional development opportunities to learn how to maximize the potential of Canva and Padlet effectively, which can be lacking in some educational institutions.

The urgency of data collection techniques is driven by the need to obtain timely and relevant information to address specific research questions, make informed decisions, respond to emergencies, and stay competitive in various fields. The level of urgency should be carefully assessed and integrated into the research or data collection plan to ensure that data is collected in a timely manner when it is most needed. The data collection technique in this PKM is using observation and literature study.

This technique is used to see the learning system implemented in the classroom by the teacher. The researcher looked directly at one of the classes that was carrying out the learning process in to make observations a researcher was required to make observations at SD Karawaci 13. This activity was the origin of the realization of this PKM. Literature reviews are conducted to provide a solid foundation for developing a theory, or research framework. The working method applied in PKM is to solve problems faced by teachers as in Figure 2.



**Fig 2:** Steps for implementing PKM

**Results and Discussion**

The implementation of this PKM involved 11 teachers (Figure 3). The activities carried out consist of (1). Opening by Master of Ceremony (MC), (2). Opening remarks a. Principal of SD Negeri Karawaci 13, Mrs. Soelistiowati, S.Pd. b. Chair of PKM Muhammadiyah University Tangerang, Rika Sukmawati, M.Pd. (3). Learning media

training materials using Canva and Padlet by Desty Haswati, M.Pd., Kus Andini Purbaningrum, M.Pd., Rika Sukmawati, M.Pd., Prahesti Tirta Safitri, M.Pd., Nur Choירו, Ph. D. (4). In the training, each teacher is given the opportunity and is facilitated in creating learning media according to the field of knowledge taught in class.

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12.	Soelistiowati, S.Pd.SD	Kepala Sekolah	<i>[Signature]</i>

**Fig 3:** Canva and Padlet training participants

Several Figures 4 document the implementation of Canva and Padlet training carried out by teachers at SD Karawaci 13 and

the PKM team at Muhammadiyah University Tangerang.





**Fig 4:** Documentation of PKM implementation at SD Karawaci 13

The field of education has seen a significant shift towards innovative learning design, driven by the integration of technology and the changing needs of students <sup>[1]</sup>. One promising approach involves the use of digital tools like Canva and Padlet to empower teachers and enhance their pedagogical practices. Particularly, this innovative learning design can be applied effectively in the context of Community Service programs, where educators aim to instill values of social responsibility and active citizenship in students.

Canva, a graphic design platform, offers educators a versatile tool for creating visually engaging materials <sup>[15]</sup>. Teachers can use Canva to design eye-catching posters, infographics, and presentations that highlight the importance of community service and the various opportunities available. This not only makes the learning materials more attractive but also helps in conveying the message effectively, fostering a sense of enthusiasm and commitment among students.

Padlet, on the other hand, is a collaborative digital canvas that allows users to post various types of content, such as text, images, videos, and links <sup>[13]</sup>. When used in the context of community service projects, Padlet serves as a hub for sharing ideas, resources, and project updates. It encourages students to collaborate, brainstorm, and plan their initiatives, promoting teamwork and communication skills essential for community engagement.

The combination of Canva and Padlet is a powerful one for educators engaged in PKM. Teachers can design visually appealing project outlines and guidelines using Canva, which can then be shared on a Padlet board accessible to all students. This approach encourages active participation and engagement, as students can easily access and contribute to the project materials. Moreover, it allows for real-time

feedback and discussion, creating a dynamic and inclusive learning environment.

Furthermore, the innovative learning design using Canva and Padlet aligns with the evolving needs of today's digital natives. Many students are already familiar with these tools, making the transition to digital learning smoother and more enjoyable. By incorporating these technologies into the curriculum, educators can bridge the digital divide and equip students with essential digital literacy skills while addressing community service objectives.

### Conclusion

The research on "Innovative Learning Design Using Canva and Padlet for Teachers: Community Service (PKM)" underscores the significance of embracing modern technological tools and platforms in the realm of education. This study sheds light on the potential of Canva and Padlet as innovative tools to enhance the teaching and learning experience for educators engaged in community service projects. By combining these digital resources, teachers can create dynamic and engaging learning materials that cater to diverse learning styles and promote active participation among students.

The research findings demonstrate that leveraging Canva and Padlet not only enriches the teaching process but also empowers teachers to foster stronger community connections. These tools facilitate collaborative and interactive learning environments, enabling educators to bridge the gap between classroom instruction and community engagement. As a result, the impact of community service initiatives can be maximized, creating a win-win situation for both teachers and the communities they serve. Moreover, this study underscores the importance of continuous professional

development for educators, emphasizing the need for them to adapt to evolving technology and pedagogical trends. By embracing innovative learning designs like those presented in this research, teachers can stay relevant and effective in their roles as community educators and facilitators of meaningful learning experiences.

The research on innovative learning design using Canva and Padlet for teachers engaged in PKM highlights the transformative potential of technology in education. It offers a compelling argument for educators to embrace these digital tools and integrate them into their teaching practices to enhance community service initiatives and promote lifelong learning.

## References

1. Malini K, Rajkumar R. Different innovative instructional designs for teacher education students. A. Muthumanickam & B. Kannan (eds). *Essentials of Techno-Pedagogy*, 2022, 60-70.
2. Chen L, Chen P, Lin Z. Artificial intelligence in education: A review. *Ieee Access*. 2020; 8:75264-75278.
3. Alamri HA, Watson S, Watson W. Learning technology models that support personalization within blended learning environments in higher education. *Tech Trends*. 2021; 65:62-78.
4. Hernández-de-Menéndez M, Vallejo Guevara A, Tudón Martínez JC, Hernández Alcántara D, Morales-Menendez R. Active learning in engineering education. A review of fundamentals, best practices and experiences. *International Journal on Interactive Design and Manufacturing (IJIDeM)*. 2019; 13:909-922.
5. Khanal L, Giri J, Shah S, Koirala S, Rimal J. Influence of learning-style preferences in academic performance in the subject of human anatomy: an institution-based study among preclinical medical students. *Advances in Medical Education and Practice*, 2019, 343-355.
6. Quigley CF, Herro D. *An educator's guide to steam: Engaging students using real-world problems*. Teachers College Press, 2019.
7. Houlden S, Veletsianos G. A posthumanist critique of flexible online learning and its "anytime anyplace" claims. *British Journal of Educational Technology*. 2019; 50(3):1005-1018.
8. Malecka B, Boud D, Carless D. Eliciting, processing and enacting feedback: Mechanisms for embedding student feedback literacy within the curriculum. *Teaching in Higher Education*. 2022; 27(7):908-922.
9. Okolie UC, Igwe PA, Mong IK, Nwosu HE, Kanu C, Ojemuyide CC. Enhancing students' critical thinking skills through engagement with innovative pedagogical practices in Global South. *Higher Education Research & Development*. 2022; 41(4):1184-1198.
10. Dumlao R. *A guide to collaborative communication for service-learning and community engagement partners*. Taylor & Francis, 2023.
11. Garone A, Bruggeman B, Philipsen B, Pynoo B, Tondeur J, Struyven K. Evaluating professional development for blended learning in higher education: A synthesis of qualitative evidence. *Education and Information Technologies*. 2022; 27(6):7599-7628.
12. Pedroso JE, Sulleza RS, Francisco KHMC, Noman AJO, Martinez CAV. Unlocking the power of Canva: Students' views on using the all-in-one tool for creativity and collaboration. *Journal of Digital Learning and Distance Education*. 2023; 2(2):443-461.
13. Dianati S, Nguyen M, Dao P, Iwashita N, Vasquez C. Student perceptions of technological tools for flipped instruction: The case of Padlet, Kahoot! and Cirrus. *Journal of University Teaching & Learning Practice*. 2020; 17(5):4.
14. Khan ZR, Sivasubramaniam S, Anand P, Hysaj A. 'e'-thinking teaching and assessment to uphold academic integrity: Lessons learned from emergency distance learning. *International Journal for Educational Integrity*. 2021; 17:1-27.
15. Larasati M. Empowering student's creative writing ability by using Canva. *Journal of English Education Program (JEEP)*. 2022; 9(2):101-110.
16. Weaver JC, Matney G, Goedde AM, Nadler JR, Patterson N. Digital tools to promote remote lesson study. *International Journal for Lesson & Learning Studies*. 2021; 10(2):187-201.
17. Simsek I, Can T. Using tablets for technology integration in classroom differentiation. In *The Role of Technology in Education*. Intech Open, 2020.
18. Speiser R, Chen-Wu H, Lee JS. Developing an "Inclusive Learning Tree": Reflections on promoting a sense of community in remote instruction. *Journal of Educators Online*. 2022; 19(2):n2.
19. Rashid AA, Yunus MM, Wahi W. Using Padlet for collaborative writing among ESL learners. *Creative Education*, 10(3), 610-620.
20. Padlet S. The following section provides a sampling of technological tools and platforms that can be implemented to facilitate a COIL course. It is important to state that this section is in no way intended to be a complete overview of all the tools that can be used in COIL VE, but rather a sample of some of the most commonly. *The Guide to COIL Virtual Exchange: Implementing, Growing, and Sustaining Collaborative Online International Learning*, 2023, 31.
21. Ibacache K, Koob AR, Vance E. Emergency remote library instruction and tech tools. *Information Technology and Libraries*, 2021, 40(2).
22. Azukas ME. Cultivating blended communities of practice to promote personalized learning. *Journal of online learning research*. 2019; 5(3):251-274.