

CREATIVE LEARNING APPROACHES: A REVIEW OF THE LITERATURE ON INNOVATION IN THE CLASSROOM

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Abstract

Creative learning approaches have been the focus of a recent literature review in an effort to increase innovation in the classroom. This research highlights that the integration of creative methods such as technology, problem-based projects and collaborative activities can strengthen student engagement and improve the quality of learning. Students who engage in these approaches tend to be more motivated and can develop essential skills such as critical thinking and creativity. However, implementing these innovations faces obstacles such as resistance from educators and limited resources. Therefore, comprehensive support from various parties and a change in educational culture are needed to overcome these challenges. Thus, this research confirms that by addressing these constraints, creative learning approaches have great potential to enrich students' learning experiences and outcomes.

Keywords: Approaches, Creative Learning, Literature on Innovation in the Classroom

Introduction

Education is an important foundation in the development of quality and competitive human resources. This is because it equips individuals with the skills, knowledge and values needed to contribute productively to society. Through education, a person not only develops academic abilities, but also social, emotional, and technical skills that are essential in facing the challenges of the world of work and everyday life (Tubagus et al., 2023) ; (Aslan & Shiong ;, 2023) (R. Nurdiana et al., 2023) ; (Muharrom et al., 2023) . Good and equitable education also plays a role in reducing social and economic disparities, as well as encouraging innovation and sustainable economic growth. Thus, investment in education is an investment in the progress of a nation, because it produces the next generation who are able to create positive changes and bring society to better welfare (Kuhn, 2020) .

In an effort to achieve educational goals that are effective and relevant to the needs of the times, innovation in the learning process is becoming increasingly crucial.

One innovative approach that has received widespread attention is the creative learning approach. Creative learning approach is a teaching method that prioritises students' ability to think critically, create new ideas, and find innovative solutions through an interactive and fun learning process (Ibrahim, 2022). In this approach, teachers function as facilitators who encourage students to explore different ways of thinking and solving problems, so that students can optimally develop their creative potential. Creative learning often involves collaborative activities, the use of technology, and various strategies that provoke students' curiosity and imagination, which in turn increases motivation and provides a more meaningful and relevant learning experience to real life. This approach aims to develop students' critical and creative thinking skills, which are much needed in facing the challenges of the 21st century (McGrath & Bier, 2024).

Unfortunately, the conventional education system that is still widely applied today often tends to be monotonous and does not facilitate the development of creative thinking skills. Learning that focuses on memorising material and applying one-way teaching methods from teachers to students often makes students passive and less actively involved in the learning process. This has an impact on low learning motivation and limited students' ability to think out-of-the-box and solve problems innovatively (Duckworth, 2021).

Various studies have shown that creative learning can increase student engagement and encourage them to be more active in the teaching and learning process. This approach includes various strategies, such as the use of project-based learning, collaborative learning, and the integration of technology and arts in learning. Thus, students not only master the basic concepts, but also able to apply them in real situations (Angrist & Meager, 2022). However, the implementation of creative learning approaches is not without challenges. Teachers often face obstacles in designing and implementing creative learning strategies, either due to limited time, resources or lack of adequate training. In addition, the existence of different views and resistance to change from some parties is also an obstacle in implementing this approach (Surikova & González, 2022).

This study aims to review the literature on creative and innovative learning approaches that have been applied in the classroom.

Research Methods

The study in this research uses the literature method. Literature research method, also known as literature study, is a research approach conducted by collecting and analysing information from various written sources such as books, journal articles, research reports, and other documents relevant to the topic under study. This method is not only useful for understanding the theoretical landscape and existing concepts, but also for identifying gaps or unanswered questions in the existing literature. (I. Nurdiana ;, 2020) (Afiyanti, 2008). Literature research involves a selective and critical

process of assessing the quality and credibility of information sources, and is often an important first step before conducting further empirical research. As such, this method provides a strong basis for researchers to develop more comprehensive theoretical frameworks, hypotheses and research designs (Firman ., 2018)

Results and Discussion

Creative Learning Approaches

The creative learning approach is a method that aims to develop students' creative potential through a dynamic and interactive learning process. In this approach, various strategies are used to stimulate students' critical and imaginative minds, so that they are able to create new ideas and apply the knowledge they have acquired in diverse contexts. The teacher acts as a facilitator who creates a supportive learning environment and stimulates students' curiosity, so that they feel encouraged to experiment and explore various ways of solving problems (Simanjuntak et al., 2022) .

One of the key features of a creative learning approach is the use of varied and innovative learning methods. These include project-based learning, peer teaching, drama or simulation games, and the use of digital technology to actively engage students. These methods not only capture students' attention, but also allow them to learn through multiple perspectives and approaches. This is crucial in developing students' flexibility of thinking and adaptability in an ever-changing world (Berkowitz, 2022) .

The assessment process in creative learning approaches is also different from conventional methods. Assessment does not only focus on the end result, but also on the process and students' engagement in learning. Evaluation methods used often include portfolios, final projects, presentations and self-reflection. These evaluations provide a more holistic picture of students' development and abilities than simply relying on written tests or quizzes. Thus, evaluation in this approach places more emphasis on the development of skills and knowledge in a real and applicable context .

Another advantage of creative learning approaches is increased student motivation and engagement. When students feel that what they are learning is relevant and interesting, they tend to be more motivated to participate and explore the material more deeply. A learning environment that supports creativity also increases students' confidence in presenting their ideas and taking intellectual risks. This is crucial for the development of an independent personality and out-of-the-box thinking, a very important need in an increasingly competitive world of work (Ashwin, 2020) .

Overall, the creative learning approach aims not only to impart knowledge, but also to create meaningful and transformative learning experiences for students. By fostering creativity, collaboration and critical thinking skills, this approach prepares students to become lifelong learners who are able to adapt and contribute positively to

society. Therefore, the integration of creative learning approaches in the education system is essential to produce the next generation that is innovative and ready to face future challenges.

Implementing Innovation in the Classroom Through Creative Learning Approaches

Implementing innovation in the classroom through creative learning approaches involves strategies and methods designed to trigger students' interest and active engagement. One of the most effective approaches is project-based learning. In this method, students are given the task of working on a real project that is relevant to the subject matter (Surtini & Muhtar, 2024). They are invited to design, plan and implement the project collaboratively. For example, in a science class, students might model an ecosystem or develop a solution to a local environmental issue. This approach not only improves students' understanding of the material, but also develops collaboration, communication and time management skills (Watts et al., 2022).

In addition, the use of digital technology is also one of the innovative ways to implement creative learning. Educational apps, simulations and games can be integrated into the curriculum to make learning more engaging and interactive. For example, using platforms such as Google Classroom, Kahoot! or Minecraft Education Edition, teachers can create activities that motivate students to learn actively. Through the use of technology, students can also access more diverse and interactive learning resources, so they have the opportunity to learn independently and more deeply (Haddar et al., 2023); (Nurhayati et al., 2023); (Sarmila et al., 2023); (Erwan et al., 2023).

The use of varied learning methods, such as drama or role play, can also be one way to stimulate students' creativity. In history subjects, for example, students can be asked to portray historical figures in a drama depicting important events. This method not only helps students understand the historical story better, but also develops their public speaking and empathy skills. Role-playing can also be applied in foreign language lessons to help students master vocabulary and daily conversation more effectively (Pompea ., 2022)

Ongoing formative assessment is another important component in the creative learning approach. Teachers can use reflection journals, group discussions and project presentations as evaluation methods to measure student progress. Instead of relying solely on written exams, formative assessment provides a more holistic picture of students' abilities and development. For example, in art subjects, students may be asked to create a portfolio of artworks that show their development over a semester. Thus, the assessment does not only focus on the end result, but also on the learning process and the efforts that have been made (Dabdoub et al., 2023).

Overall, innovations in creative learning approaches allow for a more dynamic learning environment conducive to the development of various skills. The application of

various creative methods and the use of digital technology make the learning process more engaging and stimulate students' curiosity. In addition, the emphasis on collaboration, problem solving and self-reflection prepares students to face real-world challenges with more confidence and flexibility. Therefore, it is important for teachers to continue to explore and implement innovations in the learning process so that students can learn more effectively and meaningfully.

Benefits and challenges of creative learning approaches

Creative learning approaches bring significant benefits to the educational process. Firstly, it increases student engagement. When students are given the opportunity to engage in a fun and interactive learning process, they tend to participate more actively and show greater interest in the subject matter (Berkowitz, 2022).

In addition, creative learning encourages the development of critical thinking and problem-solving skills. Through activities that involve out-of-the-box thinking, students learn to evaluate information, analyse situations and find innovative solutions. This is very beneficial in preparing them for real-life challenges (Adhikari, 2021).

However, it cannot be denied that the implementation of creative learning approaches also faces various challenges. One of them is resistance on the part of teachers and educational institutions who may be more comfortable with traditional teaching methods. Changes in learning methods take time and often require additional training for teachers (Rios & Tu, 2023).

Another challenge lies in limited resources. Creative approaches often require specialised tools and materials that may not always be available in all schools, especially in remote areas or with limited budgets. This can hinder the successful implementation of these approaches (Bilanov ., 2022)

Overall, while creative learning approaches offer many great benefits in increasing student engagement and developing critical thinking skills, challenges such as institutional resistance and resource limitations need to be overcome to ensure their success. With the right attention and investment in training and resources, this approach has the potential to revolutionise education and prepare students for an uncertain future.

Conclusion

Creative learning approaches on classroom innovations, show that these methods strengthen student engagement and improve the quality of learning. Innovations such as the use of technology, problem-based projects and collaborative activities help students to not only understand the subject matter more deeply, but also develop essential skills such as critical thinking, creativity and teamwork. Research shows that students who engage in creative learning are more motivated, have higher interest in learning, and are able to apply their knowledge in various contexts.

However, the challenges in implementing this innovation cannot be ignored. Some of the obstacles include resistance from educators who are used to traditional methods, and limited resources that can hinder teachers' creativity in lesson design. Therefore, the success of creative learning approaches requires strong support from all relevant parties, including teacher training, investment in educational resources, and cultural change within educational institutions. By overcoming these barriers, creative learning approaches can reach their full potential to produce outstanding learning experiences for students.

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