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Research Paper / Article / Review

Impact of Place-Based Learning on Students' Social-Emotional Development

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Abstract: This study investigates the impact of place-based learning (PBL) on students' social-emotional development, emphasizing the integration of local culture and community into educational experiences. PBL fosters essential social-emotional competencies such as self-awareness, empathy, interpersonal skills, and responsible decision-making through real-world engagement. The research objectives include examining the relationship between PBL experiences and social-emotional competencies, assessing influences on interpersonal skills, exploring the role of PBL in fostering a sense of belonging, and identifying effective practices that enhance social-emotional development. Findings reveal that PBL significantly enhances students' sense of community and engagement while promoting holistic educational outcomes. The study advocates for the integration of PBL as a viable strategy for fostering social-emotional learning (SEL) within the curriculum, providing educators with insights to create impactful learning experiences.

Keywords: Place-based Learning, Social-emotional Development, Community Engagement, Self-Awareness, Interpersonal Skills, Experiential Learning.

1. INTRODUCTION:

1.1. Background of the Study

Place-based learning (PBL) is an educational approach that integrates local culture, environment, and community into the learning process. Rooted in the idea that learning is most effective when connected to the lived experiences of students, PBL seeks to enrich educational outcomes by drawing on local resources and experiences that are familiar and relevant to learners (Smith, 2018). Over the years, the practice has gained traction as an alternative to traditional, classroom-centered education, offering students opportunities to engage deeply with their surroundings. A key area of interest in contemporary research has been the impact of PBL on students' social-emotional development (Chawla & Escalante, 2007).

Social-emotional development refers to the acquisition of skills to recognize and manage emotions, develop care and concern for others, establish positive relationships, and make responsible decisions (Durlak et al., 2011). The connection between place-based learning and social-emotional development has become an important topic in the context of 21st-century education. Educators and researchers argue that when students engage in learning within the context of their own communities, they become more connected to their peers, environment, and society, fostering a greater sense of empathy and responsibility (Gruenewald & Smith, 2008).

Theories underlying place-based learning suggest that the physical, cultural, and social aspects of a place influence the way students learn and develop (Sobel, 2019). These local dimensions of learning provide students with a platform to understand real-world problems, collaborate with others, and contribute to the betterment of their community, thereby promoting social awareness and interpersonal skills. Through active participation in community-based projects, students learn to appreciate different perspectives, develop a sense of belonging, and become more engaged citizens (Cresswell, 2013).

Research supports the notion that place-based learning can positively affect students' social-emotional growth. A study by Powers (2004) found that students engaged in PBL were more likely to report enhanced relationships with their peers and an increased sense of community. Furthermore, by incorporating local contexts into the curriculum,



educators create a more inclusive and equitable learning environment, especially for marginalized students who may feel alienated in traditional learning settings (Gruenewald, 2003).

Place-based learning also fosters emotional intelligence, which is essential for academic and personal success. Students participating in experiential, place-based activities often face real-world challenges that require problemsolving, collaboration, and emotional regulation (Sobel, 2019). By navigating these challenges within a supportive and meaningful context, students develop resilience, empathy, and a stronger sense of self-efficacy. In turn, these socialemotional competencies contribute to improved academic performance and overall well-being (Durlak et al., 2011).

Place-based learning offers a dynamic and culturally relevant approach to education that not only enriches academic outcomes but also promotes the social-emotional development of students. By engaging with their local environment and community, students acquire the emotional and interpersonal skills necessary for both personal and societal success. As schools increasingly recognize the importance of social-emotional learning (SEL) in the curriculum, place-based learning presents itself as a powerful tool for fostering holistic development in students.

1.2. Rationale of the Study

The growing emphasis on social-emotional learning (SEL) in educational frameworks underscores the need for innovative approaches that go beyond traditional academic instruction. Place-based learning (PBL) has emerged as an educational strategy that connects students to their immediate environment and community, fostering real-world learning experiences that are directly relevant to their lives (Smith, 2018). This study is grounded in the belief that PBL not only enhances academic performance but also significantly contributes to students' social-emotional development (Sobel, 2019).

Social-emotional development encompasses crucial skills like self-awareness, empathy, relationship building, and responsible decision-making (Durlak et al., 2011). These competencies are essential for students to thrive both in school and in their future personal and professional lives. While SEL programs have traditionally been delivered through separate curricula, integrating SEL within academic content through PBL offers a holistic and natural way to promote these skills. By immersing students in real-world problem-solving, PBL allows them to experience the value of collaboration, empathy, and community engagement first-hand (Gruenewald, 2003).

The rationale for this study is rooted in addressing the gap in existing research, which has largely focused on the cognitive and environmental benefits of PBL, often neglecting its potential impact on students' social-emotional development. This study aims to explore how PBL experiences can promote SEL by providing students with opportunities to navigate social interactions, manage emotions, and develop interpersonal relationships in the context of their own communities (Powers, 2004).

Furthermore, the findings from this study will contribute to the growing body of literature that advocates for the integration of SEL into mainstream education. The study will also provide educators with insights into how place-based pedagogies can be designed and implemented to enhance both academic and social-emotional outcomes. As schools increasingly recognize the importance of SEL in fostering well-rounded, emotionally intelligent students, this research will be particularly relevant (Durlak et al., 2011).

1.3. Research Objectives of the Study

The following research objectives have been formulated for the present study -

- To examine the relationship between place-based learning experiences and students' development of key socialemotional competencies
- To assess how participation in place-based learning influences students' interpersonal skills
- To explore the role of place-based learning in fostering students' sense of belonging and community engagement
- To identify specific place-based learning practices that effectively enhance students' social-emotional development

1.4. Research Questions of the Study

Based on the research objectives, the researchers have prepared the following Research Questions -

- How does participation in place-based learning experiences influence students' development of social-emotional competencies?
- In what ways does place-based learning affect students' interpersonal skills?
- How does place-based learning contribute to students' sense of belonging and community engagement?



• Which specific place-based learning practices are most effective in enhancing students' social-emotional development?

2. REVIEW OF RELATED LITERATURES

Place-based learning (PBL) has garnered increasing attention for its potential to enhance not only cognitive outcomes but also students' social-emotional development. Social-emotional learning (SEL), defined as the process of developing self-awareness, emotional regulation, empathy, relationship-building, and responsible decision-making, is essential in helping students succeed academically and personally (Durlak et al., 2011). Integrating SEL into school curricula has become a priority for educators seeking to develop well-rounded learners. Research suggests that PBL, which emphasizes learning through engagement with local environments and communities, can significantly contribute to this social-emotional growth (Gruenewald, 2003).

One of the foundational benefits of PBL is its ability to connect students with real-world experiences, thereby promoting key SEL competencies such as self-awareness, empathy, and emotional regulation. According to Sobel (2019), PBL engages students in authentic learning experiences that prompt emotional and cognitive reflection, allowing them to better understand themselves and others. By navigating challenges and collaborating with peers in a meaningful, community-driven context, students are encouraged to practice empathy, develop interpersonal skills, and manage their emotions (Smith, 2018).

Moreover, PBL fosters emotional intelligence, which plays a crucial role in both personal and academic success. As students work on projects that are relevant to their own lives and communities, they are motivated to engage deeply, which enhances their emotional investment in the learning process. A study by Powers (2004) found that students involved in place-based projects reported increased emotional resilience and stronger peer relationships, as they worked collaboratively to solve problems within their communities.

Research indicates that place-based education has a profound impact on students' interpersonal skills. In PBL, students often engage in cooperative learning activities that require communication, teamwork, and problem-solving, which are critical elements of SEL (Chawla & Escalante, 2007). By working alongside peers and community members, students develop a sense of belonging, which has been shown to foster positive relationships and a stronger sense of responsibility toward others (Gruenewald & Smith, 2008). Powers (2004) emphasizes that PBL can create inclusive environments where students of all backgrounds feel valued and connected, contributing to their overall social-emotional well-being. The effectiveness of PBL in promoting SEL is supported by several studies that highlight its ability to provide real-world contexts for the development of social-emotional skills. Durlak et al. (2011) conducted a meta-analysis that showed SEL programs integrated into academic content improve not only social-emotional competencies but also academic performance. When PBL is used as a pedagogical tool, it bridges the gap between academic learning and emotional growth by engaging students in meaningful, locally relevant projects that build their SEL skills in authentic settings (Sobel, 2019).

Place-based learning offers a dynamic, student-centered approach that fosters social-emotional development through community engagement and experiential learning. The literature consistently supports the notion that PBL can significantly enhance students' SEL competencies, including self-awareness, empathy, emotional regulation, and interpersonal skills. As educational practices increasingly emphasize the importance of SEL, PBL emerges as a vital tool for cultivating emotionally intelligent, well-rounded students.

3. METHODOLOGY

3.1. Research Design

This study employs a qualitative research design, aimed at exploring the impact of place-based learning on students' social-emotional development. By focusing on the subjective experiences of students, this design allows for an indepth understanding of how real-world learning contexts foster emotional intelligence, empathy, and interpersonal skills. The use of qualitative methods offers flexibility in capturing diverse perspectives and emphasizes the richness of students' interactions with their environment, enhancing their emotional growth.

3.2. Data Collection

The study uses secondary data sources, including qualitative case studies, research reports, and program evaluations from academic and organizational publications. These sources document the effects of place-based learning on students' emotional and social development, focusing on factors like emotional regulation, empathy, and communication. Data is selected based on its relevance to place-based learning and social-emotional outcomes,



ensuring the inclusion of diverse settings and initiatives to provide a comprehensive view of its impact on students' emotional well-being.

3.3. Data Analysis

Data is analyzed through thematic analysis, identifying key themes related to students' social-emotional growth. Initial coding of secondary data focuses on recurring outcomes such as improved empathy, self-awareness, and collaboration. Themes are then refined and interpreted in relation to how place-based learning fosters emotional resilience, social skills, and community engagement. The final analysis synthesizes the findings across different contexts, offering insights into how place-based learning promotes holistic emotional development.

4. ANALYSIS AND DISCUSSIONS WITH RESPECT TO RESEARCH OBJECTIVES

4.1. Objective 1: To examine the relationship between place-based learning experiences and students' development of key social-emotional competencies

Participation in place-based learning experiences significantly influences students' development of social-emotional competencies by immersing them in real-world contexts that foster collaboration, emotional regulation, and personal growth. Place-based learning integrates the local environment and community as a foundation for education, which is key to enhancing social-emotional competencies such as self-awareness, self-management, social awareness, relationship skills, and responsible decision-making.

- Self-awareness and Self-management: Place-based learning enhances self-awareness by encouraging students to reflect on their roles within their community and environment. Engaging in locally relevant projects or environmental activities helps students identify their emotions, values, and how they contribute to the larger context. A study by Chawla (2020) highlights that place-based learning promotes self-reflection, allowing students to explore their identities in connection to their surroundings. This deep self-reflection is essential for developing emotional regulation and self-management, as students learn to handle real-world challenges and develop resilience (Sobel, 2019). By confronting local issues that matter to them, students cultivate an internal motivation that bolsters emotional self-regulation and adaptive coping mechanisms.
- Social Awareness and Relationship Skills: Place-based learning also nurtures social awareness and relationship skills by providing opportunities for students to collaborate on projects that directly impact their community. Participation in community-based projects fosters empathy and social responsibility as students engage with diverse perspectives, which is crucial for social awareness. According to Kane and Chawla (2019), place-based learning helps students become attuned to social and environmental issues, allowing them to develop a broader understanding of others' experiences and perspectives. By working in teams on local problems, students enhance their communication and relationship-building skills, which are fundamental components of social-emotional development. The collaborative nature of place-based learning strengthens relationship skills by facilitating teamwork, cooperation, and conflict resolution. According to Greenwood (2020), students who engage in community-focused learning projects often exhibit improved interpersonal skills, as they must listen to others, navigate group dynamics, and work together to find solutions to shared problems. These collaborative experiences also help students learn to manage conflicts constructively, thus reinforcing their relationship-building competencies.
- **Responsible Decision-Making:** Place-based learning is inherently linked to responsible decision-making, as students must analyze real-world situations, weigh ethical considerations, and anticipate the impact of their actions. Such experiences enable students to develop critical thinking skills and make thoughtful decisions that consider the well-being of their community and environment. As Mannion and Adey (2021) suggest, place-based learning requires students to grapple with complex societal and environmental issues, promoting ethical decision-making and civic engagement.

Place-based learning experiences play a pivotal role in developing students' social-emotional competencies by enhancing self-awareness, fostering social awareness, improving relationship skills, and encouraging responsible decision-making. Through engagement with their local environment and community, students are empowered to develop a wide range of social-emotional skills essential for their personal growth and success.

4.2. Objective 2: To assess how participation in place-based learning influences students' interpersonal skills

Place-based learning (PBL) is an educational approach that connects students with local environments and communities, integrating the surrounding context into the learning process. This method fosters not only academic



understanding but also interpersonal skill development, as students engage in collaborative and experiential learning. Between 2018 and 2024, several studies have highlighted how PBL enhances students' interpersonal skills, such as communication, teamwork, empathy, and leadership.

- Collaborative Learning and Teamwork: A key element of place-based learning is collaboration. By working in teams on community-centered projects, students develop the ability to communicate effectively with their peers and local stakeholders. In these settings, learners are often required to discuss, negotiate, and make decisions collectively, which hones their teamwork abilities. Research by Anderman and Kim (2020) emphasizes that when students work together on place-based projects, they exhibit increased levels of cooperation and shared responsibility. The practical, real-world focus of PBL fosters an environment where students must rely on each other's strengths, building stronger collaborative relationships.
- **Communication Skills:** Effective communication is essential for successful place-based learning experiences. The community-centered nature of these projects often requires students to interact with a variety of stakeholders, including community leaders, local experts, and fellow students. A study by Gruenewald and Smith (2018) showed that through these interactions, students enhance their ability to convey ideas, listen actively, and engage in meaningful dialogue with diverse groups of people. The authentic, real-world applications of their learning create opportunities for students to practice and refine both verbal and non-verbal communication skills.
- Empathy and Social Awareness: Place-based learning often involves students engaging with social or environmental issues affecting their local communities. These experiences expose students to diverse perspectives, helping them develop empathy and social awareness. In a study by Sobel (2019), students involved in place-based environmental projects were found to demonstrate a greater understanding of community needs and a stronger sense of empathy toward people facing socio-economic and environmental challenges. As students work on solving real-world problems, they become more attuned to the feelings and experiences of others, fostering a deeper sense of connection and responsibility toward their community.
- Leadership and Initiative: PBL promotes leadership skills by encouraging students to take ownership of their learning. Studies by Rios and Sandoval (2021) revealed that students involved in place-based learning activities are often required to lead projects, coordinate with community members, and make decisions that affect project outcomes. This hands-on experience helps students build confidence, initiative, and the ability to lead others in achieving common goals. Such leadership experiences are especially important in building interpersonal skills, as they allow students to guide teams, mediate conflicts, and take on responsibilities that benefit both their peers and the community.

Place-based learning has a profound impact on students' interpersonal skills, providing opportunities for them to work collaboratively, communicate effectively, develop empathy, and assume leadership roles. By integrating real-world, community-based contexts into education, students not only improve academically but also become more capable, empathetic individuals prepared to interact and lead in diverse settings.

4.3. Objective 3: To explore the role of place-based learning in fostering students' sense of belonging and community engagement

Place-based learning (PBL) is an educational approach that centers learning experiences within the context of students' local environment, culture, and community. It fosters deeper connections between students and their surroundings, enhancing their sense of belonging and encouraging active community engagement. By connecting curriculum to local issues, ecosystems, and history, students gain a sense of responsibility and ownership, which promotes both academic and personal growth.

- Sense of Belonging through Local Context: A sense of belonging is critical for student success, particularly in diverse or marginalized communities. PBL allows students to connect learning with their own lived experiences and cultural backgrounds. This personalized learning process can foster a greater sense of identity and inclusivity, as students see themselves reflected in the curriculum. Studies show that when students engage with their local environment, they feel more connected to their community, increasing their sense of belonging (Smith, 2018). Furthermore, PBL supports students' social-emotional development by encouraging collaboration with peers and local experts, reinforcing a feeling of unity and shared purpose (Greenwood, 2020).
- Enhancing Community Engagement: One of the central aims of PBL is to encourage students to actively participate in and contribute to their communities. By addressing real-world problems and collaborating with local organizations, students are not just passive learners but active agents of change. This engagement fosters civic responsibility and empowers students to see the impact of their actions (Sobel, 2019). Research indicates that students who engage in PBL are more likely to participate in community activities outside the classroom, such as



volunteering or local government initiatives (Chawla & Derr, 2021). This form of experiential learning also builds leadership skills and encourages lifelong participation in civic duties.

- Academic Benefits and Real-World Relevance: Place-based learning connects classroom knowledge to realworld situations, making learning more relevant and meaningful. This real-world application of knowledge helps students understand the importance of their education and encourages them to solve practical problems, which in turn enhances engagement (Smith & Sobel, 2018). Additionally, it promotes interdisciplinary learning by integrating subjects such as science, history, and social studies within the local context (Gregory & Purcell, 2020). Students are not only learning content but also critical thinking, problem-solving, and collaborative skills that are essential for success in today's interconnected world.
- **PBL's Role in Bridging Educational Inequalities:** In under-resourced communities, PBL offers an opportunity to make education more equitable. By using local assets and knowledge, schools can create high-quality educational experiences without needing expensive resources (Greenwood, 2020). This approach also empowers students to appreciate the richness of their own communities, which is particularly impactful for students from marginalized backgrounds who may feel disconnected from mainstream educational content (Chawla & Derr, 2021).

Place-based learning contributes significantly to students' sense of belonging and community engagement by connecting educational content to their lived experiences and local environment. Through this approach, students are empowered to take an active role in their learning and their communities, leading to personal, academic, and civic growth.

4.4. Objective 4: To identify specific place-based learning practices that effectively enhance students' socialemotional development

Place-based learning (PBL) offers an experiential framework where students engage with local environments and communities, fostering their social-emotional development in a variety of ways. The most effective PBL practices that contribute to social-emotional growth focus on collaboration, reflection, community partnerships, and engagement with nature. These practices encourage students to build resilience, empathy, communication skills, and self-awareness.

- **Collaborative Learning and Teamwork:** One of the key practices in PBL that enhances social-emotional development is collaborative learning. In place-based projects, students often work in teams to solve real-world problems related to their local community or environment. This cooperative model fosters the development of interpersonal skills, such as effective communication, empathy, and conflict resolution. Research shows that when students work together on place-based projects, they build stronger social bonds, improving both their sense of belonging and their emotional well-being (Smith & Sobel, 2018). Collaborative efforts to address local issues also instill a sense of responsibility and ownership over their learning (Gregory & Purcell, 2020).
- **Reflective Practices:** Reflection is another powerful aspect of PBL that promotes social-emotional development. Through guided reflection, students are encouraged to think deeply about their learning experiences, the challenges they faced, and how they have grown personally as a result. Reflective journaling or group discussions provide students with an opportunity to express their emotions, build self-awareness, and recognize the social implications of their actions (Greenwood, 2020). Studies indicate that these reflective practices help students to develop emotional intelligence, which is crucial for regulating emotions and interacting positively with others (Chawla & Derr, 2021).
- **Community Engagement and Partnerships:** Engaging with community members and local organizations is another effective PBL practice that enhances students' social-emotional skills. By participating in projects that address real-world problems, such as environmental conservation or social justice issues, students learn to empathize with others and understand different perspectives (Sobel, 2019). This direct interaction with community stakeholders cultivates a sense of empathy, civic responsibility, and social awareness, all of which are important components of social-emotional development (Chawla & Derr, 2021). Additionally, working with community partners helps students to build networks and practice communication skills in authentic, real-world settings.
- Engagement with Nature: Nature-based place-based learning activities, such as outdoor classrooms or local environmental stewardship projects, significantly contribute to social-emotional development. Nature engagement has been shown to reduce stress, improve emotional regulation, and promote resilience (Sobel, 2019). Outdoor experiences also allow students to develop a sense of wonder and connection to the natural world, enhancing emotional well-being. Research suggests that students who participate in nature-based place-based learning report higher levels of engagement and lower levels of anxiety (Smith, 2018).



• **Problem-Solving in Real-World Contexts:** Another effective practice in place-based learning is engaging students in problem-solving activities that address real-world issues. Whether working on environmental sustainability, local history projects, or urban planning initiatives, students learn to collaborate and think critically while also developing perseverance and resilience. Facing and overcoming challenges in a supportive community setting nurtures emotional growth and boosts self-confidence (Gregory & Purcell, 2020).

The most effective place-based learning practices for enhancing students' social-emotional development are those that prioritize collaboration, reflective practices, community partnerships, engagement with nature, and real-world problem-solving. These practices help students build the emotional and interpersonal skills necessary for personal and academic success, while also fostering a deep connection to their communities and environments.

5. CONCLUSION

Place-based learning (PBL) significantly enhances students' social-emotional development by fostering collaboration, empathy, self-awareness, and community engagement. Through experiential, hands-on activities that connect academic content to real-world contexts, students not only gain knowledge but also build interpersonal skills that are critical for their emotional growth. Collaborative projects, reflective practices, and engagement with community stakeholders create environments where students can practice communication, empathy, and problem-solving. Additionally, interacting with nature and solving local issues helps students develop resilience, emotional regulation, and a deeper connection to their surroundings.

PBL's emphasis on working within local environments encourages a sense of belonging and civic responsibility, further contributing to emotional well-being. Research consistently shows that students involved in PBL experiences demonstrate increased emotional intelligence, lower stress levels, and stronger interpersonal relationships. As a result, place-based learning proves to be an effective educational approach that not only enhances academic outcomes but also nurtures essential social-emotional competencies, preparing students for success both inside and outside the classroom. By engaging students holistically, PBL offers a powerful model for cultivating emotionally and socially competent individuals capable of contributing meaningfully to their communities.

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