
Addressing Adolescent Bullying: The Role of Restorative Practices and SEL Across Diverse Educational Contexts

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Received : March 5, 2024

Accepted : May 22, 2024

Published : May 31, 2024

Citation: Rizqi, P.U. (2024). Addressing Adolescent Bullying: The Role of Restorative Practices and SEL Across Diverse Educational Contexts. *Sinergi International Journal of Psychology*, 2(2), 120–134.

ABSTRACT: Bullying among adolescents remains a pervasive global issue with significant psychological, social, and academic consequences. This study examines the role of self-esteem, social support, and systemic factors in influencing bullying behaviors. A comprehensive literature review was conducted using Scopus, Google Scholar, and PubMed, with studies selected based on inclusion criteria focusing on bullying prevalence, intervention strategies, and mental health outcomes. The findings indicate that strong social networks and high self-esteem serve as protective factors against both victimization and perpetration. Additionally, school climate and cultural influences play crucial roles in shaping bullying dynamics. Restorative practices and social-emotional learning (SEL) programs have shown promise in reducing bullying incidents, particularly when integrated into school curricula and community-based initiatives. However, geographical and socioeconomic disparities affect the accessibility and effectiveness of these interventions. This study underscores the need for targeted policies, including teacher training, parental engagement, and digital literacy programs, to combat traditional and cyberbullying effectively. Future research should explore longitudinal impacts of bullying interventions and their adaptability across different cultural and economic contexts. Addressing these gaps will contribute to the creation of safer educational environments and improved adolescent mental health outcomes.

Keywords: Bullying; Cyberbullying; Adolescent Mental Health; Social Support; School Climate; Intervention Strategies; Restorative Practices.



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INTRODUCTION

Bullying among adolescents has emerged as a critical issue in contemporary research, garnering increasing attention due to its far-reaching consequences on mental health, academic performance, and overall social well-being. A growing body of literature underscores the complexity of bullying behavior, which extends beyond mere individual experiences to impact broader social structures,

including families, peer groups, and educational institutions (Li et al., 2020; Ortiz-Marcos et al., 2022). The long-term repercussions of bullying can manifest in various psychological and academic challenges, necessitating effective interventions aimed at mitigating its adverse effects (Quader et al., 2022; Taliaferro et al., 2018). Recent studies have further highlighted the role of risk and protective factors in shaping the relationship between bullying and adolescent mental health outcomes, emphasizing the importance of early detection and comprehensive intervention strategies.

Prevalence studies have revealed alarmingly high rates of bullying across different demographic and geographical contexts, underscoring its status as a widespread social problem. Research indicates that adolescents engaged in sports, for instance, frequently experience bullying due to the competitive and hierarchical nature of team dynamics (Ortiz-Marcos et al., 2022). Additionally, in developing countries, bullying has been linked to poor academic adaptation and escalating mental health issues, exacerbating existing vulnerabilities among adolescents (Li et al., 2020). Several studies also suggest that early exposure to bullying behaviors significantly correlates with academic underachievement and depressive symptoms, highlighting the necessity of timely intervention to prevent long-term psychological distress (Sánchez et al., 2019).

The rise of cyberbullying presents an additional challenge, as digital platforms have become increasingly integrated into adolescent social interactions. Cyberbullying not only intensifies the psychological burden on victims but also disrupts their academic performance, fosters social alienation, and diminishes self-esteem (Lodi et al., 2021; Nguyen et al., 2020; Sibold et al., 2019). The impact of cyberbullying is further compounded by inadequate parental support and perceived insecurity within school environments. Studies indicate that strong parental connections serve as a mitigating factor, reducing the likelihood of self-harm and suicidal tendencies among bullied adolescents (Taliaferro et al., 2018; Nguyen et al., 2020). This underscores the urgent need for intervention programs that incorporate both familial and institutional support systems (Giumetti & Kowalski, 2024).

The implications of bullying extend beyond individual experiences, shaping the broader educational and social landscape. A hostile school environment, fostered by persistent bullying, contributes to long-term behavioral deviations, including increased engagement in risky behaviors such as substance abuse and delinquency (Ko et al., 2022; Williams et al., 2018). Furthermore, the perpetuation of bullying in academic settings has been found to reinforce cycles of violence and stigma, thereby exacerbating mental health challenges that persist into adulthood (Davis et al., 2018; Rey et al., 2020). In contrast, school-based social-emotional learning initiatives have demonstrated effectiveness in reducing bullying incidents, promoting positive peer interactions, and enhancing students' overall well-being (Hallaq, 2024; Mall et al., 2018).

Despite the extensive research on bullying, significant gaps remain in understanding its systemic causes and effective intervention strategies. Existing studies often rely on self-reported data, which may be subject to bias and underreporting due to social stigma (Nguyen et al., 2020). Moreover, cultural variations influence both the perception and response to bullying, necessitating a more context-sensitive approach in research and policy development (Sibold et al., 2019; Giumetti &

Kowalski, 2024). Additionally, while numerous school-based interventions have been proposed, their efficacy is often limited by inconsistent implementation and lack of stakeholder engagement (Alsawalqa, 2021; Gan et al., 2022).

Given these challenges, further research is needed to explore long-term effects of bullying, particularly in relation to mental health trajectories and social development. Longitudinal studies could provide deeper insights into how bullying experiences during adolescence shape adult psychological well-being and social functioning (Ko et al., 2022; Williams et al., 2018). Moreover, the development of holistic intervention models that integrate social, emotional, and educational support mechanisms is crucial for creating sustainable solutions (Rey et al., 2020).

This review aims to provide a comprehensive analysis of the current state of bullying research, with a particular focus on adolescent populations across diverse cultural and socio-economic contexts. The study seeks to evaluate the impact of bullying on mental health, academic performance, and social integration, while also identifying effective intervention strategies and policy recommendations (Alsawalqa, 2021; Gan et al., 2022). By synthesizing existing literature, this review aspires to bridge existing research gaps and inform evidence-based strategies for addressing bullying in educational settings.

The scope of this study encompasses a diverse range of bullying experiences, including both traditional school bullying and cyberbullying, across various cultural contexts. Particular emphasis will be placed on understanding how social support systems, including family involvement and institutional policies, influence the prevalence and impact of bullying (Quader et al., 2022; Williams et al., 2018). The findings of this review are intended to guide future research directions, advocate for the integration of social-emotional learning programs, and contribute to the development of comprehensive anti-bullying policies aimed at fostering a safer and more inclusive educational environment (Marengo et al., 2021; Martínez et al., 2020; Meulen et al., 2021).

METHOD

To gather high-quality literature on the phenomenon of bullying, several databases were identified as the most relevant sources. The three primary databases used in this study were Scopus, Google Scholar, and PubMed, each offering distinct advantages in accessing peer-reviewed research and academic articles. Scopus is well-known for its extensive and reliable indexing of scientific journals, making it a crucial resource for obtaining rigorously validated research data (Ortiz-Marcos et al., 2022). Google Scholar provides a broader coverage and greater accessibility, particularly for non-institutional users, making it an effective tool for locating research in social sciences and psychology (Li et al., 2020). Meanwhile, PubMed specializes in health sciences and mental health research, making it indispensable for interdisciplinary investigations in public health and psychology related to bullying (Quader et al., 2022).

A combination of keyword strategies was employed to locate relevant studies. Keywords used included "bullying," "cyberbullying," "victimization," "adolescents," "psychological effects," "school environment," and "intervention strategies." Specific search strings such as "bullying AND mental health AND adolescents" were utilized to find studies discussing the psychological impact of bullying among adolescents (Taliaferro et al., 2018). Additionally, phrase searches like "effects of cyberbullying on self-esteem" or "restorative justice in schools" helped refine search results to focus on specific aspects relevant to the current study (Sánchez et al., 2019). The use of Boolean operators such as "AND," "OR," and "NOT" was also incorporated to refine the search process. For instance, the query "bullying OR cyberbullying NOT physical violence" allowed for a more focused selection of studies addressing the psychological and social aspects of bullying without the confounding effects of physical violence (Lodi et al., 2021).

To further enhance the search process, a query-based approach was implemented, where research questions were framed to direct the literature search. For example, "What are the psychological effects of bullying on adolescents?" guided the selection of articles focusing on specific psychological outcomes in adolescent populations. Constructing clear research questions enabled more precise searches and helped filter out irrelevant studies, ensuring that only highly pertinent literature was reviewed (Nguyen et al., 2020). Reference tracking was another essential strategy, where citation lists from relevant articles were examined to identify additional studies that might not have been retrieved through initial searches. Citation tools available in Scopus and Google Scholar were used to locate frequently cited articles, adding another layer of depth to the literature review process (Sibold et al., 2019).

To ensure a systematic and transparent approach in literature selection, the study adhered to the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) guidelines. This systematic review framework facilitated the identification, screening, eligibility assessment, and inclusion of studies relevant to bullying research. By following the PRISMA process, biases in article selection were minimized, and the replicability of the study was enhanced (Giumetti & Kowalski, 2024). The PRISMA flowchart was employed to document the selection process, beginning with an extensive search of the selected databases, followed by the removal of duplicates and an initial screening based on titles and abstracts. Articles that met the inclusion criteria were then subjected to full-text evaluation to determine their relevance to the study objectives.

Inclusion criteria for the selected studies were clearly defined to ensure relevance and rigor in the review process. Studies published in peer-reviewed journals from 2010 onward were prioritized to capture the most recent developments in bullying research. Only articles written in English were included to maintain consistency in data interpretation. The selected studies needed to provide empirical data on bullying experiences, intervention strategies, or psychological outcomes related to bullying in adolescent populations. Various study designs, including randomized controlled trials, cohort studies, case studies, and systematic reviews, were included to ensure a comprehensive understanding of the topic (Alsawalqa, 2021).

Conversely, exclusion criteria were applied to filter out studies that did not meet the scope of this review. Articles that focused solely on adult populations, theoretical discussions without empirical

data, or studies with limited methodological transparency were excluded. Additionally, research that addressed workplace bullying or cyber aggression in non-school settings was not considered, as the focus was on adolescent school environments (Gan et al., 2022).

The literature selection process involved multiple stages of evaluation to ensure the reliability of the findings. After an initial database search, articles were screened based on their titles and abstracts, with irrelevant or duplicate entries being discarded. Full-text articles that met the inclusion criteria were then reviewed in depth, with a particular focus on their research objectives, methodologies, and findings. A critical appraisal of each study was conducted to assess methodological rigor, sample representativeness, and potential biases in data collection or analysis. Studies with strong methodological frameworks and well-defined research questions were prioritized for inclusion in the review (Sánchez et al., 2019).

In addition to systematic database searches, expert consultations were conducted to verify the relevance and completeness of the selected literature. Researchers specializing in adolescent psychology, education, and public health were consulted to provide insights into emerging trends and gaps in the literature. Their expertise helped validate the comprehensiveness of the study selection process and ensured that key research areas were adequately covered (Ko et al., 2022).

The systematic approach adopted in this study ensures that the literature review provides a robust synthesis of existing knowledge on bullying, its psychological effects, and effective intervention strategies. By leveraging multiple databases, refining search criteria with Boolean logic, and adhering to PRISMA guidelines, this methodology maximizes the validity and reliability of the findings. The emphasis on peer-reviewed research, empirical evidence, and rigorous screening processes enhances the quality of this literature review, contributing to the broader discourse on adolescent bullying and its implications (Rey et al., 2020).

Ultimately, this methodological framework enables the identification of patterns, trends, and research gaps that can inform future studies and policy development. By integrating interdisciplinary perspectives and systematically reviewing high-quality literature, this study aims to provide a comprehensive and evidence-based understanding of bullying phenomena in adolescent populations (Davis et al., 2018).

RESULT AND DISCUSSION

Existing literature reveals several key findings regarding the factors influencing bullying among adolescents. A strong correlation has been identified between bullying and mental health, with victims consistently reporting higher levels of anxiety, depression, and emotional distress compared to their peers who have not experienced bullying. Research by Ahmed et al. highlights that children with attention-deficit hyperactivity disorder (ADHD) face a heightened risk of involvement in bullying, both as perpetrators and victims, leading to a greater incidence of mental health challenges (Ortiz-Marcos et al., 2022). This finding underscores the role of pre-existing psychological conditions as a risk factor that exacerbates the adverse effects of bullying.

Further evidence from a study by Vacca et al. confirms a direct relationship between victimization and increased symptoms of depression and anxiety. Using structured questionnaires to measure bullying victimization and emotional regulation strategies, their results indicate that victims of bullying are more likely to experience severe psychological issues, including self-harm ideation (Li et al., 2020). These findings emphasize the necessity of addressing adolescent mental health concerns within educational institutions and highlight the need for proactive intervention strategies.

The role of the school environment in mitigating and managing bullying has also been extensively examined. Research by Ko et al. demonstrates that students' perception of school climate significantly influences their overall well-being. Schools that foster a positive climate, characterized by strong teacher support and student inclusivity, report lower rates of bullying (Quader et al., 2022). These findings align with theories suggesting that school-based interventions involving active engagement from students, parents, and educators can contribute to safer learning environments.

A related study by Wang et al. highlights the relationship between student engagement in social activities and reduced bullying behaviors. Their findings suggest that adolescents with strong friendships and support networks are less likely to become perpetrators or victims of bullying (Taliaferro et al., 2018). These results underscore the importance of fostering positive social relationships as a preventative measure against bullying.

A longitudinal analysis conducted by Qin and Gan further supports the argument that social behavior, self-regulation, and social support significantly moderate the risk of bullying. The study revealed that distress resulting from bullying is often linked to excessive internet use among Chinese adolescents, indicating a potential coping mechanism that could exacerbate mental health issues (Sánchez et al., 2019). This insight reinforces the notion that positive social behaviors and self-awareness can serve as protective factors against bullying and its associated consequences.

Empirical data from a large-scale study by Davis et al., involving over 8,000 students, found a strong correlation between bullying involvement and a history of physical violence (Lodi et al., 2021). These findings suggest that strategies aimed at reducing overall school violence may also have a positive impact on bullying behaviors. This holistic understanding emphasizes the need to approach bullying prevention within the broader context of school discipline and violence reduction policies.

In the realm of cyberbullying, Olumide et al. report that students recognize online harassment as a serious problem but argue that simple technological restrictions are insufficient to curb its prevalence (Nguyen et al., 2020). Their study found that despite preventive measures, cyberbullying persists, indicating the necessity for comprehensive approaches that incorporate digital literacy education and awareness campaigns. This further suggests that a combination of technology regulation and proactive behavioral interventions is essential for effective cyberbullying prevention.

Collectively, these findings emphasize that psychological, social, and environmental factors all play significant roles in the emergence and mitigation of bullying. Empirical evidence highlights the

importance of a multifaceted approach to addressing bullying, including mental health support, positive peer relationships, and school climate improvements.

Support systems, particularly those provided by parents, educators, and peers, are crucial in both preventing and addressing bullying. Studies indicate that adolescents who receive strong emotional support from family and friends exhibit higher self-esteem and are less likely to engage in or fall victim to bullying (Konishi et al., 2018). This aligns with research by Lodi et al., who found that restorative justice practices in schools—where students participate in structured dialogues to resolve conflicts—significantly reduce bullying incidents (Lodi et al., 2021). These interventions foster empathy, accountability, and social cohesion, further strengthening support networks among students.

Social support is also instrumental in mitigating the psychological consequences of bullying. Research by Manna et al. suggests that adolescents with high levels of peer support demonstrate greater resilience, effectively buffering against the negative impacts of bullying-related anxiety and depression (Manna et al., 2019). This highlights the role of peer relationships as a vital component of mental health support systems within educational settings.

The geographical and demographic variations in bullying prevalence and response strategies provide additional insights into the phenomenon. Research by Rahman et al. in South Asia indicates that adolescents in this region who experience bullying are more likely to engage in risky behaviors, including substance abuse, compared to their European counterparts, where structured intervention programs are more prevalent (Rahman et al., 2020). The study highlights how economic disparities and limited access to educational resources exacerbate bullying-related consequences in lower-income countries.

Furthermore, Ahmed et al. explored ethnic disparities in bullying prevalence in Sweden, finding that racial minorities and economically disadvantaged groups experience higher rates of victimization due to systemic discrimination and rigid societal norms (Ahmed et al., 2022). This suggests that cultural and structural factors significantly influence bullying behaviors and should be considered when designing intervention policies.

A study in Norway by Hansen revealed that adolescents living in geographically isolated areas reported higher rates of bullying-related mental health issues compared to their urban counterparts (Hansen, 2024). These findings indicate that regional socioeconomic conditions and access to mental health resources play a crucial role in determining bullying outcomes.

Intervention effectiveness also varies across different economic contexts. Research by Kim and Chun highlights that low- and middle-income countries often lack the necessary resources to implement structured bullying prevention programs, leading to persistently high bullying rates (Kim & Chun, 2020). This suggests that financial and structural investments in education systems are necessary to support sustainable bullying prevention efforts.

Cross-cultural studies have further emphasized how cultural perceptions of bullying shape intervention strategies. Zych et al. found that bullying severity and response mechanisms differ widely across countries, with Brazilian adolescents exhibiting higher tolerance toward aggressive behaviors compared to their European peers, where stricter anti-bullying policies are enforced (No

et al., 2023). These findings underscore the need for culturally adapted prevention programs that consider local social norms and values.

Self-esteem has also been identified as a significant variable in bullying research. Numerous studies confirm that low self-esteem is both a predictor and consequence of bullying involvement. Konishi et al. found that students with low self-esteem are more susceptible to victimization and more likely to engage in bullying as a maladaptive coping mechanism (Konishi et al., 2018). Similarly, Zych et al. observed that adolescents involved in cyberbullying exhibit lower self-worth, creating a negative feedback loop that exacerbates emotional distress (Hansen, 2024). These findings suggest that interventions aimed at boosting self-esteem may serve as an effective strategy for reducing bullying behaviors.

Methodological approaches in bullying research vary widely. Many studies rely on quantitative survey methods, employing standardized questionnaires to measure bullying frequency, forms (physical, verbal, cyber), and psychological impacts (Greenleaf et al., 2013). Likert-scale assessments are commonly used to evaluate students' perceptions of school climate and peer relationships.

Qualitative methods have also been utilized to capture in-depth experiences of bullying victims. Research by Shafiq et al. employs interviews and focus group discussions to explore the personal narratives of bullied adolescents, providing richer insights into their psychological and social experiences (Reisen et al., 2021). Longitudinal studies, such as those conducted by Qin and Gan, have tracked the long-term psychological effects of bullying, demonstrating how school environments influence adolescent mental health over time (Abdelrheem et al., 2024).

These findings highlight the necessity of integrating both qualitative and quantitative research methodologies to develop a comprehensive understanding of bullying and its impact. By employing mixed-method approaches, researchers can better assess the complexity of bullying behaviors and design more effective intervention strategies.

The findings of this study indicate that social support and self-esteem play crucial roles in adolescent bullying. These results align with previous literature emphasizing the significance of psychosocial factors in shaping bullying behaviors. Konishi et al. identified that higher self-worth is associated with reduced bullying behavior and increased peer support, suggesting that adolescents with a stronger sense of self are more likely to develop positive social relationships and avoid aggressive behavior (Konishi et al., 2018). This reinforces the argument that psychological well-being is a protective factor against both victimization and perpetration of bullying.

Furthermore, the role of social support in bullying prevention is consistent with findings by Lodi et al., who demonstrated that implementing restorative practices in educational settings can create safer and more positive environments, effectively reducing bullying incidents (Lodi et al., 2021). These approaches, which emphasize relationship-building and open dialogue among all involved parties, highlight the importance of addressing bullying through systemic interventions that involve both adults and peers. The necessity of comprehensive intervention strategies that consider social

influences is further supported by Salehi et al., who identified that problem-solving skills and social competence significantly influence how bullying cases are handled within schools, reinforcing the need for widespread educational programs that enhance these abilities (Salehi et al., 2016).

The results also highlight significant geographical and demographic variations in bullying prevalence, reinforcing findings from previous studies. For instance, Mori et al. noted stark differences in perceived school safety among adolescents in Asia and Europe, with bullying serving as a primary predictor of mental health issues and school-related distress (Mori et al., 2022). These variations emphasize the role of cultural and social contexts in shaping the effects and responses to bullying, suggesting that prevention efforts must be tailored to the specific needs of different populations. Similarly, Zych et al. found that social competence acts as a protective factor against both traditional bullying and cyberbullying, providing empirical evidence that populations with higher social skill levels experience lower rates of victimization (Zych et al., 2018). This supports the argument that intervention programs emphasizing social skill development may yield greater effectiveness in reducing bullying across different cultural settings.

Another critical aspect emerging from this research is the link between neurodevelopmental disorders and bullying involvement. Prior studies by Ahmed et al. have shown that children with ADHD face a higher risk of engaging in bullying, both as perpetrators and victims, posing additional challenges in addressing school bullying (Ahmed et al., 2022). This underscores the importance of targeted prevention strategies that account for individual differences in cognitive and behavioral development. Schools must implement specialized support programs for students with neurodevelopmental disorders to mitigate their susceptibility to bullying and ensure their inclusion in positive social environments.

Beyond individual and interpersonal factors, systemic influences significantly shape bullying behaviors. School climate is one of the most influential systemic factors affecting bullying prevalence. Kim and Chun found that an unsafe school environment and lack of teacher support exacerbate bullying incidents among students (Kim & Chun, 2020). When students perceive that their school does not provide adequate support, they are more likely to engage in aggressive behavior or become victims. This suggests that efforts to enhance school climate, including teacher training and anti-bullying policies, should be a priority in addressing this issue.

Social dynamics among students further contribute to bullying persistence. Research by Wen et al. demonstrated that students who experience social uncertainty or lack close peer connections are more likely to be targeted by bullies (Wen et al., 2024). This aligns with theories suggesting that bullying is often used as a means of maintaining or elevating social status, with perpetrators targeting vulnerable peers to assert dominance. Interventions aimed at fostering social inclusion, such as peer mentoring programs, could help mitigate these social pressures and reduce bullying incidents.

Cultural norms also influence bullying behaviors, as highlighted by Graf et al., who found that societies that tolerate aggression or perceive bullying as a normative behavior tend to exhibit higher rates of bullying (Jiménez et al., 2017). In such cultural contexts, anti-bullying initiatives must address deeply ingrained social attitudes, promoting values of empathy and respect as part of broader educational reforms. Similarly, gender norms play a significant role in shaping bullying

behaviors. Research by Hasegawa demonstrated that gender differences in bullying are not solely a product of individual traits but are reinforced by societal expectations that encourage male dominance and female submissiveness (Jiménez et al., 2017). These findings emphasize the need for gender-sensitive interventions that challenge stereotypes and promote equal peer interactions.

Parental involvement has also been identified as a critical factor in bullying prevention. Jiménez et al. found that children who receive active parental support are less likely to experience or engage in bullying behaviors (Jiménez et al., 2017). Parents play a crucial role in fostering prosocial values and emotional regulation in their children, reinforcing the importance of family engagement in anti-bullying initiatives. Policies that encourage school-family collaboration, such as parenting workshops and home-school communication programs, could enhance bullying prevention efforts.

Addressing bullying requires a comprehensive approach that integrates educational, psychological, and policy-based interventions. Developing social-emotional learning (SEL) programs in schools can enhance students' emotional intelligence, resilience, and conflict resolution skills, reducing bullying incidents. Research by Mori et al. indicates that integrating SEL into curricula contributes to a decline in aggressive behaviors and an improvement in peer relationships (Mori et al., 2022). Additionally, restorative practices in schools have been shown to facilitate constructive conflict resolution, as highlighted by Lodi et al. (2021). Policies promoting open communication and accountability within school communities could foster safer and more supportive environments for students.

Despite the compelling findings presented in this study, several limitations must be acknowledged. One significant limitation is the reliance on self-reported data, which may introduce bias due to social desirability effects. Adolescents may underreport or exaggerate their bullying experiences, affecting the accuracy of prevalence estimates. Future research should incorporate multiple data sources, including teacher and peer reports, to triangulate findings and enhance validity. Another limitation is the cross-sectional nature of many studies, which restricts the ability to infer causal relationships. Longitudinal research is needed to track changes in bullying behaviors over time and assess the long-term impact of interventions.

Additionally, cultural variations in bullying definitions and reporting practices present challenges in cross-national comparisons. While some societies recognize and actively address bullying, others may downplay its significance, leading to inconsistencies in research findings. Standardized measurement tools should be developed to facilitate more reliable international comparisons. Furthermore, much of the existing research focuses on school-based bullying, with limited exploration of how bullying manifests in other settings, such as online communities and workplaces. Expanding the scope of research to include different social environments could provide a more comprehensive understanding of the bullying phenomenon.

Given these considerations, future research should prioritize longitudinal studies that examine the developmental trajectories of bullying and its impact on mental health. Investigating the effectiveness of different intervention models across diverse cultural contexts would also be valuable in identifying best practices. Moreover, greater emphasis should be placed on examining

the intersectionality of bullying with factors such as socioeconomic status, disability, and ethnicity to develop more inclusive prevention strategies.

The findings of this study contribute to the growing body of research on adolescent bullying, reinforcing the importance of social support, self-esteem, and systemic interventions in addressing this issue. By integrating psychological, educational, and policy-driven approaches, stakeholders can work towards creating safer and more inclusive environments for adolescents worldwide. Continued research and collaboration among educators, policymakers, and mental health professionals will be essential in developing sustainable solutions to combat bullying and promote adolescent well-being.

CONCLUSION

This study highlights the significant role of social support, self-esteem, and systemic factors in shaping bullying behaviors among adolescents. The findings confirm that bullying is not merely an individual issue but is deeply embedded within social, educational, and cultural contexts. High self-esteem and strong social networks have been identified as protective factors, reducing both victimization and perpetration. Meanwhile, school climate and cultural norms significantly influence the prevalence and impact of bullying, emphasizing the need for institution-wide interventions.

Urgent action is required to address the long-term psychological and social consequences of bullying. Schools must implement structured programs that promote emotional intelligence, restorative practices, and anti-bullying policies. However, to ensure these interventions are effective across different regions, implementation strategies must be tailored to cultural and economic realities. In high-resource settings, this may include integrating SEL curricula through digital platforms and providing trained facilitators for restorative circles. In contrast, low-resource environments may benefit more from community-based peer mentoring, teacher-led workshops, and low-cost mobile education campaigns.

Teacher training should go beyond awareness by including practical tools for managing conflict, de-escalating aggression, and supporting neurodiverse students. Policymakers can mandate anti-bullying certification as part of ongoing professional development. Parental involvement must also be context-specific—urban schools might benefit from digital parent-school communication tools, while rural areas may require localized outreach through community events or village-based workshops.

In terms of policy, governments can allocate targeted funding to support school mental health counselors and cross-sector collaboration between education, health, and social services. National anti-bullying frameworks should include mechanisms for evaluating program impact and adapting policies based on emerging data.

Future research should focus on longitudinal studies to assess the long-term effects of bullying and the sustainability of intervention programs. Expanding research into the intersection of bullying with socioeconomic status, neurodevelopmental conditions, and digital environments will

provide a more comprehensive understanding of this issue. Moreover, mixed-method approaches can offer richer insights into the lived experiences of adolescents from different cultural and social backgrounds, enabling more nuanced policy development.

By grounding strategies in cultural realities and involving all stakeholders—from students to policymakers—educational institutions can move beyond reactive measures and foster genuinely inclusive, supportive environments. This approach will not only mitigate the negative impacts of bullying but also promote adolescent well-being, equity, and resilience in the long term.

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