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The Impact of Parental Involvement on Academic Achievement in Elementary Schools

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Abstract

This study investigates how different aspects of parental involvement affect elementary students' academic success. Based on an extensive review of academic sources, meta-analyses, and empirical studies this research investigates how different parental involvement activities such as dialogue with teachers and community collaboration affect student performance. Research shows regular parental involvement leads to better academic results, increased school participation, and emotional development in students. The paper explains how various mechanisms lead to these student outcomes and highlight obstacles that families from different backgrounds encounter. The paper proposes strategies to enhance parental involvement and highlights its essential function in creating equal educational opportunities and informing educational policy and practice in elementary schools.

Keywords: Parental Involvement, Academic Achievement, Elementary Schools

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Introduction

Educators, policymakers, and researchers have increasingly focused on the role family involvement plays in children's educational achievements throughout recent decades. Epstein (2002) found that parental involvement includes multiple activities such as homework assistance and school decision-making which collectively build a supportive educational environment. Numerous studies show that children who benefit from active parental involvement in their education achieve better academic results, develop stronger motivation, and positive learning attitudes (Calderon-Villarreal et al., 2025; Castro et al., 2015; Gubbins & Otero, 2020). Even though research shows benefits of parental involvement there remain significant differences in involvement between parents of various socioeconomic statuses, and cultural and linguistic groups which in turn create academic achievement gaps (Jeynes, 2007).

Parental involvement stands as a fundamental factor in shaping students' academic progress during their primary education years because it affect multiple facets of their learning journey(Otani, 2020). Studies have found that several methods of parental involvement such as participation in school activities, communication with educators, and homework assistance each improve student academic performance (Piskorz-Ryń & Chikwe, 2024; Rowe et al., 2016; Yang et al., 2023). Research conducted by Kimaro and Machumu (2015) noted that children's school achievements improve with active parental involvement in school activities so schools should create environments that support parental involvement.

Badrasawi et al. (2019) established a substantial connection between parent involvement in education and student academic performance. The research demonstrated how parental education background influences involvement level and highlighted the importance of creating specific approaches to involve parents with lower educational attainment in children's schooling. The success of students academically improves when parents receive better education. Park and Holloway (2017) performed a longitudinal investigation into how parental involvement in schools develops and influences outcomes over time. The study revealed long-term school achievements improved through sustained parental commitment which shows that effective parental involvement requires consistency and intentionality.

To create effective interventions and policies that ensure fair educational results we must understand how parental involvement affects elementary students. The paper brings together scholarly sources to analyze the different forms of parental involvement, effects, and underlying processes using evidence from modern research studies. The discussion provides educators, policymakers, and parents with information about effective practices that help to build meaningful involvement in elementary education. This research findings underline the necessity for school-family partnerships and prompt educators and decision-makers to establish executives who support multiple ways of parental involvement. When stakeholders implement the outlined strategies, they can achieve significant improvements in student experiences and educational outcomes at elementary school levels.

Literature Review

Conceptualizing Parental Involvement

Epstein (2002) classified parental involvement into six distinct types. These classifications include parenting practices, school communication methods, volunteer work, educational activities at home, school decision-making processes, and community collaboration efforts. Every dimension of parental involvement has a unique impact on how students succeed academically. According to Hill and Tyson (2009), these components together build community bonds and shared accountability towards student achievements.

Multiple elements define parental involvement in elementary schools such as parenting practices, communication efforts, volunteering activities, educational support at home and decision-making processes, and community collaboration which all play significant roles in boosting academic success (Benner et al., 2016; Otani, 2020; Piskorz-Ryń & Chikwe, 2024). Studies reveal that effective parental practices create a supportive home environment which stimulates children's academic activities. Đurišić and Bunijevac (2017) demonstrate how parental participation boosts educational outcomes by motivating children through guidance and support.

Effective academic results depend on strong communication between parents and teachers. Kimaro and Machumu (2015) revealed that opening dialogue about student progress and school activities improves academic results. Through this joint effort parents gain insight into school requirements and their children's needs which establishes a supportive academic setting. Research by Park et al. (2017) noted that parents who participate in school activities create better learning environments which strengthen the link between parental involvement and student performance.

Parents who volunteer for school activities demonstrate their important role in school involvement. Jeruto et al. (2024) argued that parent participation in school volunteering bolsters educational initiatives and boost students' academic results. The presence of parents in the school community creates inspirational models that help children appreciate education.

Academic success shows significant improvement through participation in home learning activities. According to Yulianti et al. (2018), parental participation in home educational activities such as reading assistance and homework help leads to top academic achievements. Structured support within home learning environments enables children to acquire crucial skills and knowledge.

When parents take part in educational decision-making, they share their thoughts in learning settings which leads to improved student outcomes. According to Liou et al. (2019), schools tend to adopt successful educational methods when parents participate in decision-making processes which benefits students.

Community collaboration plays a vital role in reinforcing the participation of parents. Jurado (2014) asserts that community resources are essential for promoting parental involvement which leads to improved student achievement. Schools can establish extra support networks for student and family development by partnering with local organizations.

The collective contribution of parenting practices, communication strategies, volunteer activities, at-home learning, decision-making processes, and community collaboration creates improved academic performance for elementary school students. The combined impact of these different dimensions results in an integrative support network that helps children achieve educational success across multiple cultural settings.

Parental Involvement and Academic Outcomes

The academic performance of students benefits from parental involvement according to findings from meta-analyses and longitudinal studies. Jeynes (2016) examined multiple studies to find that parental involvement predicts better academic outcomes like higher grades, superior standardized test scores, and greater school attendance for elementary students. Study by Fan and Chen (2001) suggests that academic performance improves through family activities like shared reading time, homework assistance, and parental attendance at school meetings.

Jeynes (2012) discovered that parental involvement produces stronger effects in low-income minority groups by acting as a protective factor against differences in academic achievement. Educational researchers recognize that parents' participation in elementary schools acts as a key factor affecting academic success because it mediates between educational methods and student performance levels. Different levels and forms of parental involvement show significant effects on children's academic success. Longitudinal research concluded school-based participation positively impacts student academic achievements (Park et al., 2017). The results demonstrate that children perform improved academically when parents take part in school activities, this resonates the value of active participation.

According to Wilder (2023), parental participation establishes a link with educational success across multiple student demographics. The synthesis shows that student performance improves through key strategies such as parent-teacher communication, parental participation at school events and consistent homework support. The process of encouraging parental participation faces multiple difficulties which need to be addressed. Badrasawi et al. (2019) noted that socioeconomic status, time constraints, and educational levels among different parents create challenges for active involvement in children's educational processes. The existence of these barriers demonstrates why educational policies need to support diverse family structures and personal commitments.

The formation of approaches and expectations for parental involvement relies heavily on cultural factors. A meta-analysis by Castro et al. (2015) described how cultural differences affect the level and type of parental involvement. Parents within certain cultures may focus on various forms of participation like providing educational assistance at home regarding school activities. Understanding cultural differences is essential for creating individualized methods to boost parent involvement and student academic achievement. The connection between parental involvement and student success in primary schools involves complex aspects that necessitate effective approaches and acknowledgment of existing challenges and cultural sensitivity to improve educational outcomes.

Mechanisms of Influence

Parental involvement influences academic success through multiple pathways. Parental support helps build children's confidence in their abilities through demonstrated interest (Dearing et al., 2006), results in improved student participation and sustained effort in learning activities, creates an atmosphere that supports academic development (Hill & Tyson, 2009), and provides protective measures against stress and enhances security for children which leads to improved academic functioning (Jeynes, 2007).

Parental involvement proves essential in developing student motivation and positive educational attitudes during elementary school which leads to better academic outcomes. Grolnick (2016) argues parental involvement in children’s education establishes a motivational environment which serves as a foundation for academic success. The involvement of parents strengthens children's intrinsic motivation through support of children's autonomy and competence (Grolnick, 2016).Rowe et al. (2016) explained how parental involvement affects academic domains differently because its impact varies across different subjects. Active parental involvement in particular subjects enhances children's motivation and leads to improved academic performance in those areas. When parents tailor their involvement to specific areas of learning, children show increased positivity towards education.

Liou et al. (2019) discovered different methods by which parental involvement shapes children’s motivational beliefs that lead to better scientific results. Parents who supply

educational resources and emphasize educational value, develop self-efficacy in children which leads to dedication and successful academic performance. The support and validation provided by parents helps to meet the socio-emotional needs of students. According to Park and Holloway (2017), parental engagement with school leadership improves students' academic outcomes and fosters emotional health which becomes a foundation for academic achievement. The multidimensional approach of parental involvement which recognizes both academic and socio-emotional learning aspects helps to enhance elementary school students' overall performance. Parents play a crucial role in enhancing student motivation, fostering positive attitudes, supplying academic resources, and addressing socio-emotional needs. These elements support academic success of elementary school students.

Socioeconomic and Cultural Contexts

The research literature universally acknowledges advantages of parental involvement but shows distinct differences when considering socioeconomic status (SES), ethnic background, and cultural practices. Research shows that low-SES families encounter obstacles such as time constraints, insufficient resources, and unfamiliarity with educational systems which restrict involvement (Jeynes, 2007). To achieve full participation among diverse populations, educational institutions must employ culturally responsive engagement strategies.

Research widely acknowledges that parent participation in education affects student achievement and recognize SES and cultural background as key components of this relationship. Sengonul (2022) investigated how parents' involvement correlates strongly with children's academic achievement and noted that socioeconomic status functions as an essential mediation factor. The socioeconomic status of families determines the level of resources available to them and enables parents to participate more effectively in children's educational development. Benner et al. (2016) confirmed that parental involvement differs greatly across SES groups and impacts adolescent educational outcomes. Students from lower socioeconomic backgrounds encounter extra obstacles in parental involvement due to time limitations and restricted education resource access which results in diminished academic outcomes.

Gubbins and Otero (2020) analyze how parental involvement affects the academic performance of elementary school students with low achievement levels. According to the research, parental involvement in low-income families produces better academic results but these improvements face limitations from external socioeconomic conditions. The complexity of parental involvement becomes clear when we understand that engagement needs to be combined with solutions to the wide social barriers affecting these families. Park and Holloway (2017) researched how parental involvement in schools affects students' academic performance over time. Findings from its longitudinal study show that schools serve as essential facilitators for parent involvement particularly within diverse cultural communities. The research demonstrates that culturally responsive programs bridge involvement gaps which lead to better academic outcomes for students. The academic achievements of elementary school students depend fundamentally on how socioeconomic status interacts with cultural context and parents' involvement. Effective strategies for increasing parental involvement across different populations require a holistic analysis of multiple factors.

Methodology

This review uses peer-reviewed articles, meta-analyses and longitudinal studies published in the last twenty years that Google Scholar and other scholarly sources provide. The research selection process required studies to demonstrate empirical rigor, maintain relevance to elementary school settings, and examine parental involvement in academic achievement. The

synthesis highlights research that reveals causal interactions, underlying processes, and examination of demographic differences.

Quantitative Evidence of Impact

Educational researchers have focused extensively on how parental involvement affects primary academic performance due to its significant impact on student outcomes. The meta-analysis conducted by Castro et al. (2015) shows strong positive correlations between parental involvement and academic performance. The active involvement of parents boosts student motivation and performance. Otani (2020)supports this finding by showing that educational activity participation enhances primary student academic success. Parents who perform specific activities such as reading at home and attending school events help improve student performance (Park & Holloway, 2017). Findings from this longitudinal study showed that parent involvement in school activities leads to better academic outcomes for children because the specific ways parents participate can greatly enhance student success. Different demographic data sets reveal variable correlation strengths. The research by Ma et al. (2022) revealed that parents' participation serves as a significant moderator in the connection between teacher-student interactions and student academic performance. Research evidence indicates that parent participation effectiveness depends on factors like child age, socioeconomic status (SES), and cultural background. Students from the lowest socioeconomic backgrounds benefit more from parental involvement because of existing educational inequities according to Otani (2020). Diverse educational expectations and values within cultures determine parent involvement levels which impact student performance across different groups (Castro et al., 2015). While parental involvement promotes academic success overall, it is important to understand how age, socioeconomic status and cultural background mediate its effectiveness within educational settings.

Qualitative Perspectives

The way parents see their role in school communication quality and cultural attitudes toward education affects how engaged they are (Epstein, 2002). Schools' approaches to family engagement programs are shaped by teachers' opinions about parental involvement. The academic success of primary school students significantly depends on parental involvement according to widespread recognition. Recent qualitative research methods revealed various aspects of parental involvement and identified main themes like communication, support, and commitment. Wilder (2023) performed a meta-analysis which examined how parental commitment influences student academic performance and emphasized the benefits of active educational involvement. The meta-analysis discovered that student performance is significantly influenced by how parents interact with schools and their overall attitudes toward education.

Qualitative studies by Castro et al. (2015) revealed that parental involvement takes place through homework aid, attendance at school events, and interactions with teachers. A meta-analysis demonstrates how deep-seated educational outcomes stem from consistent parental engagement. Cole (2017) doctoral thesis presents participant experiences that demonstrate parental motivations and involvement levels vary across socioeconomic backgrounds and these variations can influence academic success.

Shah et al. (2021) carried out a comparative qualitative analysis to identify the distinct ways parents get involved in public versus private elementary schools. The study findings showed that although parental commitment benefits all students universally, parents adopt varying strategies and resources depending on their educational context and level of institutional backing.

These studies show that educators and political decision-makers should establish supportive environments which enable parents to participate actively. Stakeholders who understand qualitative research themes and experiences will be able to create effective strategies to bridge the gap between home and school environments which will enhance primary school students' academic performance. These concepts guide practical application and demonstrate that customized initiatives ought to meet family needs and influence educational policies.

Challenges and Barriers

Work schedules, language differences, transportation shortage, and limited knowledge about school expectations are notable barriers to parental involvement (Jeynes, 2007). Flexible scheduling, bilingual communication, and community outreach can help overcome barriers to enhance participation. Research into how parental involvement affects elementary school academic performance face difficulties across socio-economic, cultural and systemic dimensions. The socio-economic status of families greatly affects parents' ability to support children's education through available resources and time commitments. Research shows that parents from the SES background typically experience financial difficulties, demanding work schedules, and inadequate access to educational materials which limits their ability to engage in children's education (Hornby & Blackwell, 2018).

Parental involvement training is greatly influenced by cultural elements. Different cultural perspectives result in diverse interpretations of effective parental involvement which impacts both school activity expectations and parental participation rates (Piskorz-Ryń & Chikwe, 2024). When cultural differences arise between educational institutions and families, misunderstandings develop which decrease parental involvement in educational activities. Disparities identified by Calderon-Villarreal et al. (2025) suggests the requirement for executives who understand cultural differences to bridge gaps and enhance commitment.

Badrasawi et al. (2019) noted that systemic barriers such as strict school policies and poor communication channels between schools and families worsen existing challenges. The structural supports in many schools are insufficient to enable meaningful parental involvement which results in families feeling isolated by bureaucratic barriers when they try to participate. This relationship between parental involvement and academic success proves complex because a proper measurement requires careful consideration of socio-economic circumstances, cultural contexts, and systemic forces that affect parental education commitment.

Policy Implications and Recommendations

The active involvement of parents in elementary education greatly enhances student performance and creates beneficial learning environments. Current studies emphasize how culturally sensitive programs can help increase effective parent involvement. Park and Holloway (2017) research demonstrated how parental involvement at schools' boosts student academic outcomes and underscores the necessity for educational programs which honour cultural diversity in school settings. Culturally sensitive initiatives generate an inclusive environment which enables diverse families to participate in children's educational journey.

Education workshops function as a strong instrument that equips parents with essential skills and knowledge. Bartz and Karnes (2018) demonstrate how well-designed family engagement programs produce positive results by providing parents with educational resources and training to support children's academic development. Parent workshops designed with specific cultural and educational requirements boost parental confidence and capability to participate in their child's education.

Participation flexibility remains an essential element. Systemic obstacles such as work obligations and transportation shortages frequently prevent families from participating in activities. Research by Rudo and Dimock (2017) demonstrates how schools use flexible planning and alternative participation methods to increase parental involvement. The implementation of these strategies reduces obstacles thereby enabling all parents to participate in school activities.

Developing robust communication partnerships between schools and families remains crucial. Garbacz et al. (2017)research revealed that effective communication approaches enhance parental awareness and strengthen bonds between families and educational institutions. Proactive communication that fights systemic barriers results in greater parent participation and improve student performance. The effectiveness of parental involvement in elementary education depends on complete policies that support culturally sensitive programs, educational workshops, and partnerships that allow flexible participation and efficient communication. When decision-makers and educators address these factors, they establish an environment that includes everyone and supports student achievement.

Future Research Directions

Researchers need to understand how parents' involvement affects elementary school students' academic success to guide future educational studies. Parent involvement impacts student performance through its multiple dimensions of engagement, expectations and educational support. The latest academic research demonstrates the relevance of these elements and proposes advanced methods to further comprehend these concepts.

Yang et al. (2023) carried out an extensive literature review that illuminated the essential link between the ways parents engage with their children and subsequent academic performance. Jeynes (2024)carried out a meta-analysis which showed that parental expectations have a strong link with student academic achievement. Future research could focus on examining how parental expectations affect student success through measurable outcomes.

Technological advances in research methodologies deliver substantial informational benefits. Alneyadi and Wardat (2023) investigated how AI-based tools like ChatGPT can enhance student performance. These innovative tools enable real-time surveillance of parental involvement and academic outcomes. Study by Cui et al. (2023) described early educational engagement as essential and showed how longitudinal research tracking parental involvement from early childhood through elementary school reveals important patterns in students' mathematical abilities. Using innovative methods across multiple dimensions of parental involvement will lead to a deeper understanding of how parents affect elementary student academic success and open new research directions.

Conclusion

A comprehensive analysis of research studies reveals that parental involvement strongly influences student success within elementary educational settings. Effective parental involvement enhances motivation, self-efficacy, and academic skills, contributing to closing achievement gaps. However, disparities in involvement necessitate culturally sensitive, accessible, and tailored strategies. Multiple dimensions of active engagement, teacher communication, participation in school activity, assistance with homework, and community collaboration show strong positive effects on student performance motivation and socio-emotional growth. Students from disadvantaged backgrounds experience stronger effects from parental involvement which underlines its essential role in achieving educational equality.

Longitudinal research demonstrates how continuous and goal-driven parental involvement produces improved educational results over extended periods and resonate the essential nature of consistency and purposeful activity in parental engagement. Socioeconomic status, cultural differences, and language obstacles continue to create involvement disparities which require adaptive and inclusive strategies to address diverse family needs.

Building effective relationships between educational institutions and families remains vital to improving elementary education outcomes. Policymakers, educators, and communities need to work together to create inclusive educational programs that enable all parents to support their children's learning process effectively. Schools should foster welcoming environments, facilitate parent-teacher communication, and organize involvement opportunities aligned with diverse family needs. Policies that recognize and support the multifaceted nature of parental involvement are essential for fostering equitable educational outcomes. When schools and parents develop cooperative partnerships, they create conditions for enhanced student performance which closes achievement gaps and produce well-rounded students ready for future accomplishments.

References

Alneyadi, S., & Wardat, Y. (2023). ChatGPT: Revolutionizing student achievement in the electronic magnetism unit for eleventh-grade students in Emirates schools. *Contemporary Educational Technology*, *15*(4), 1-18. https://doi.org/10.30935/cedtech/13417

Badrasawi, K., Yahefu, H., & Khalid, M. (2019). Challenges to parental involvement in children's education at a primary school: A Rasch analysis. *IIUM Journal of Educational Studies*, *7*(1), 47-57. https://doi.org/10.31436/ijes.v7i1.243

Bartz, D. E., & Karnes, C. (2018). Effective parent involvement/family engagement programs. National Forum of Teacher Education Journal,

Benner, A. D., Boyle, A. E., & Sadler, S. (2016). Parental involvement and adolescents' educational success: The roles of prior achievement and socioeconomic status. *Journal of youth and adolescence*, *45*, 1053-1064. https://doi.org/10.1007/s10964-016-0431-4

Calderon-Villarreal, A., Garcia-Hernandez, A., Olvera-Gonzalez, R., & Elizondo-Garcia, J. (2025). Parental involvement barriers and their Influence on student self-regulation in primary education. *Education and Urban Society*, *57*(4), 327-346. https://doi.org/10.1177/00131245251314489

Castro, M., Expósito-Casas, E., López-Martín, E., Lizasoain, L., Navarro-Asencio, E., & Gaviria, J. L. (2015). Parental involvement on student academic achievement: A meta-analysis. *Educational research review*, *14*, 33-46. https://doi.org/10.1016/j.edurev.2015.01.002

Cole, S. A. (2017). *The impact of parental involvement on academic achievement* Northcentral University]. https://www.proquest.com/openview/654af235fb2228b3d19a3c288f42c822/1?pq-origsite=gscholar&cbl=18750

Cui, Y., Zhang, D., & Leung, F. K. (2023). The influence of parental educational involvement in early childhood on 4th grade students' mathematics achievement. In *Developing Culturally and Developmentally Appropriate Early STEM Learning Experiences* (pp. 113-133). Routledge. https://doi.org/10.4324/9781032634197

Dearing, E., Kreider, H., Simpkins, S., & Weiss, H. B. (2006). Family involvement in school and low-income children's literacy: Longitudinal associations between and within families. *Journal of Educational Psychology*, *98*(4), 653–664. https://doi.org/10.1037/0022-0663.98.4.653

Đurišić, M., & Bunijevac, M. (2017). Parental involvement as a important factor for successful education. *Center for Educational Policy Studies Journal*, *7*(3), 137–153. https://doi.org/10.26529/cepsj.291

Epstein, J. L. (2002). *School, family, and community partnerships: Preparing educators and improving schools* (Vol. 37). Routledge.

Fan, X., & Chen, M. (2001). Parental involvement and students' academic achievement: A meta-analysis. *Educational psychology review*, *13*, 1-22. https://doi.org/10.1023/A:1009048817385

Garbacz, S. A., Herman, K. C., Thompson, A. M., & Reinke, W. M. (2017). Family engagement in education and intervention: Implementation and evaluation to maximize family, school, and student outcomes. *Journal of school psychology*, *62*, 1-10. https://doi.org/10.1016/j.jsp.2017.04.002

Grolnick, W. S. (2016). Parental involvement and children's academic motivation and achievement. In *Building autonomous learners: Perspectives from research and practice using self-determination theory* (pp. 169-183). Springer. https://doi.org/10.1007/978-981-287-630-0_9

Gubbins, V., & Otero, G. (2020). Parental involvement and low-SES children's academic achievement in early elementary school: New evidence from Chile. *Educational Studies*, *46*(5), 548-569. https://doi.org/10.1080/03055698.2019.1620691

Hill, N. E., & Tyson, D. F. (2009). Parental involvement in middle school: A meta-analytic assessment of the strategies that promote achievement. *Developmental psychology*, *45*(3), 740-763. https://scholar.google.com/scholar?q=Hill+and+Tyson+2009

Hornby, G., & Blackwell, I. (2018). Barriers to parental involvement in education: An update. *Educational review*, *70*(1), 109-119. https://doi.org/10.1080/00131911.2018.1388612

Jeruto, F., Kisilu, A., & Kabesa, S. (2024). The effect of parental engagement in volunteering and resourcing on academic performance of learners in pre-primary schools: A case of Kakamega county, Kenya. *Journal of Popular Education in Africa*, *8*(9), 5-15. https://kenyasocialscienceforum.wordpress.com/wp-content/uploads/2024/09/pdf-jeruto-et-al-the-effect-of-parental-engagement-on-academic-performance-of-learners-in-kakamegakenya.pdf

Jeynes, W. (2012). A meta-analysis of the efficacy of different types of parental involvement programs for urban students. *Urban Education*, *47*(4), 706-742. https://doi.org/10.1177/0042085912445643

Jeynes, W. (2016). A meta-analysis: The relationship between parental involvement and African American students' academic achievement. *Urban Education*, *40*(3), 237–257. https://doi.org/10.1177/0042085905274540

Jeynes, W. H. (2007). The relationship between parental involvement and urban secondary school student academic achievement: A meta-analysis. *Urban Education*, *42*(1), 82-110. https://doi.org/10.1177/0042085906293818

Jeynes, W. H. (2024). A meta-analysis: The relationship between the parental expectations component of parental involvement with students' academic achievement. *Urban Education*, *59*(1), 63-95. https://doi.org/10.1177/00420859211073892

Jurado, M. (2014). Parental involvement impacting student academic success in AVID. *Ursidae: The Undergraduate Research Journal at the University of Northern Colorado*, *4*(2), 11. https://digscholarship.unco.edu/cgi/viewcontent.cgi?article=1091&context=urj

Kimaro, A. R., & Machumu, H. J. (2015). Impacts of parental involvement in school activities on academic achievement of primary school children. *International journal of education and research*, *3*(8), 483-494. https://www.ijern.com/journal/2015/August-2015/40.pdf

Liou, P.-Y., Wang, C.-L., & Lin, J. J. (2019). Pathways of parental involvement through students' motivational beliefs to science achievement. *Educational Psychology*, *39*(7), 960-980. https://doi.org/10.1080/01443410.2019.1617410

Ma, L., Liu, J., & Li, B. (2022). The association between teacher-student relationship and academic achievement: The moderating effect of parental involvement. *Psychology in the Schools*, *59*(2), 281-296. https://doi.org/10.1002/pits.22608

Otani, M. (2020). Parental involvement and academic achievement among elementary and middle school students. *Asia Pacific Education Review*, *21*(1), 1-25. https://doi.org/10.1007/s12564-019-09614-z

Park, S., & Holloway, S. D. (2017). The effects of school-based parental involvement on academic achievement at the child and elementary school level: A longitudinal study. *The Journal of Educational Research*, *110*(1), 1-16. https://doi.org/10.1080/00220671.2015.1016600

Park, S., Stone, S. I., & Holloway, S. D. (2017). School-based parental involvement as a predictor of achievement and school learning environment: An elementary school-level analysis. *Children and Youth Services Review*, *82*, 195-206. https://doi.org/10.1016/j.childyouth.2017.09.012

Piskorz-Ryń, O., & Chikwe, C. (2024). Parental involvement and its influence on academic achievement. *Iranian journal of educational sociology*, *7*(2), 50-56. https://doi.org/10.61838/kman.ijes.7.2.7

Rowe, M. L., Ramani, G. B., & Pomerantz, E. M. (2016). Parental involvement and children's motivation and achievement: A domain-specific perspective. In *Handbook of motivation at school* (pp. 459-476). Routledge. https://api.taylorfrancis.com/content/chapters/edit/download?identifierName=doi&identifierValue=10.4324/9781315773384-26&type=chapterpdf

Rudo, Z., & Dimock, V. (2017). How family, school, and community engagement can improve student achievement and influence school reform. *Nellie Mae Foundation*, 269-280. https://www.district90.org/about/files/Documents/Strategic%20Plan%20Documents/Strategic%20Planning%20Process,%202020-25/Article%201-%20Final-Report-Family-Engagement-AIR.pdf

Sengonul, T. (2022). A review of the relationship between parental involvement and children's academic achievement and the role of family socioeconomic status in this relationship. *Pegem Journal of Education and Instruction*, *12*(2), 32-57. https://doi.org/10.47750/pegegog.12.02.04

Shah, A. H., Shah, S. S. A., & Muhammad, Y. (2021). Role of parental involvement in their children academic achievement: A comparative qualitative study of public and private elementary schools. *Turkish Online Journal of Qualitative Inquiry*, *12*(8), 1-12. https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=13096591&AN=160601254&h=VNgprtamOIishagppgWLBxkLiXJgOOaVytpBs%2Fhsu0p6iSqE6ss%2FcGFxkce8S%2F76d0qFePHBu9KeiqgHHHxlzA%3D%3D&crl=c

Wilder, S. (2023). Effects of parental involvement on academic achievement: A meta-synthesis. In *Mapping the field* (pp. 137-157). Routledge. https://www.taylorfrancis.com/chapters/edit/10.4324/9781003403722-12/effects-parental-involvement-academic-achievement-meta-synthesis-wilder

Yang, D., Chen, P., Wang, K., Li, Z., Zhang, C., & Huang, R. (2023). Parental involvement and student engagement: A review of the literature. *Sustainability*, *15*(7), 1-17. https://doi.org/10.3390/su15075859

Yulianti, K., Denessen, E., & Droop, W. (2018). The effects of parental involvement on children's education: A study in elementary schools in Indonesia. *International Journal About Parents in Education*, *10*(1), 14-32. https://repository.ubn.ru.nl/bitstream/handle/2066/191260/191260.pdf