

THE INFLUENCE OF FAMILY ENVIRONMENT ON CHILDREN'S ACADEMIC ACHIEVEMENT

Mudzakir ^{*1}

Universitas Pamulang
mudzakirmuz@gmail.com

Cynthia Petra Haumahu

Universitas Pattimura
petrahaumahu@gmail.com

Sunanto

Universitas Hafshawaty Zainul Hasan
sunanto1710@gmail.com

Al-Amin

Universitas Airlangga, Surabaya, Indonesia
al.amin-2024@feb.unair.ac.id

Abstract

This study aims to analyze the relationship between family environment and children's academic achievement through literature analysis method. The results showed that there is a significant relationship between a supportive family environment and children's academic achievement. Emotional support, characterized by recognition of children's efforts, confidence building, and providing a safe space for learning, plays an important role in children's academic motivation. In addition, parents' active involvement in education - including checking homework, attending school meetings and providing learning resources at home - plays a role in improving academic achievement. A conducive learning environment at home, filled with reading materials, clear expectations about education and structured study habits, also supports children's cognitive development and academic achievement.

Keywords: Family Environment, Children's Academic Achievement.

Introduction

Children's academic achievement is one of the markers of educational success and is widely recognized as an important predictor of future success. This achievement is not only influenced by experiences in the school environment but also by external factors, one of which is the family environment (Segovia & McWayne, 2022). The family environment includes various aspects such as family structure, parental support, parenting, and socioeconomic conditions (Suroso et al., 2021). Each of these factors has

¹ Correspondence author.

a role that can affect a child's motivation, learning behavior, and ultimately, academic achievement.

As the first and main social institution known to children, the family serves as the basis for learning and first experiences that form the foundation for intellectual and emotional development (Sarmila et al., 2023). In the family, children learn values, develop attitudes towards learning, and absorb motivation that will guide them throughout their educational journey. Parents and other family members act as primary role models from which children imitate behavior and form their own expectations about education and achievement (Erdem & Kaya, 2020). Stable emotional conditions, consistent educational support, and the presence of clear routines and structures within the family environment have been shown to contribute to improved academic performance and help children cope with the demands of their education (W. H. Jeynes, 2022).

Furthermore, a conducive family environment can provide children with access to resources that support learning, such as books, technology and other learning experiences that enrich their academic experience (W. H. Jeynes, 2022). A family's socioeconomic status, for example, is often associated with the range of educational opportunities available to children, which in turn can affect their academic performance. However, it is not only material factors that play a role; parental emotional and psychological support, such as recognizing children's efforts and achievements, talking about educational goals, and engaging in their academic activities, are also fundamental in shaping children's attitudes towards education and their drive to excel in learning (W. Jeynes, 2022). Thus, the importance of the family environment cannot be overlooked in evaluating and understanding the key determinants that contribute to the manifestation of academic achievement among students (Aslan et al., 2019).

Several studies have shown a significant relationship between a conducive family environment and improved academic achievement. Parental support, for example, has been identified as one of the strongest influences in determining children's learning behavior and their attitude towards education (Zulfiqar et al., 2023); (Ygot & Revalde, 2024). Similarly, family socioeconomic conditions can provide or limit access to educational resources and extracurricular opportunities that enrich children's educational experiences (Kaur & Sharma, 2021).

On the other hand, differences in family structure such as single, complete or reconstructed families have also emerged as important variables that have the potential to influence children in the educational sphere. Although the relationship between family environment and children's academic achievement has been widely researched, there is still room for further exploration to specifically understand the influence of each of these aspects and their interactions.

Therefore, a comprehensive understanding of how the family environment affects children's academic achievement is important to investigate. The findings from

this study are expected to provide valuable information for parents, educators and policy makers in creating strategies that support children's academic development and overcome barriers.

Research Methods

The study in this research uses literature. The literature research method is a scientific approach that utilizes existing data from various written sources to be re-examined with a specific purpose (Miharja, 2022). This process involves searching, collecting, establishing validity, analyzing, and synthesizing relevant material to draw conclusions or develop new insights (Syawie, 2005). One of the first steps in literature research is searching for keywords related to the research topic in various sources such as catalogs, indexes, and online search engines to find relevant literature (Nurdiana, 2020). This work is not only limited to data collection, but also includes criticism of the material, evaluation of usability, and integration of knowledge from various sources to build a solid argument or theoretical framework (Afiyanti, 2008).

Results and Discussion

Theory on Academic Achievement

Academic achievement refers to the level of success or achievement obtained by a student in learning activities or formal education which is usually measured through test scores, subject grades, or other relevant assessments. It reflects the extent to which a student has achieved the learning objectives or educational standards set by a particular educational institution (Fu et al., 2022). Academic achievement is not only the result of students' intellectual abilities, but is also considered an important indicator of educational success that can predict future success, both in further education and in professional careers (Kühhirt et al., 2020).

Several factors can affect students' academic performance, including internal factors such as learning motivation, cognitive ability, learning style, and emotional well-being (Yue et al., 2022). Meanwhile, external factors such as family environment, social support, education quality, learning facilities, and socioeconomic factors also play an important role in determining students' academic achievement levels. These factors interact in various ways, creating complex dynamics in the learning process (De, 2023). Therefore, interventions to improve academic achievement usually require a holistic approach that considers the entire context of students' lives, not just the academic aspects.

School education and teachers also have a significant influence on students' academic achievement. The teaching methods applied, the competence of teachers, and the curriculum used all contribute to how students absorb and process the information taught (Sitopu et al., 2024); (Hairiyanto et al., 2024). In addition, the availability of educational resources such as laboratories, libraries, and cutting-edge

learning technologies can improve conceptual understanding and analytical skills that are key to higher academic achievement (Hadi & Netrawati, 2021). Interactions between students and extracurricular activities are also supporting factors that not only enrich the learning experience but also help students develop social and leadership skills that are important for long-term success (Kim, 2023).

In conclusion, academic achievement is the result of a complex interaction between students' internal factors and external influences from their environment, including family, school and the wider community. To improve academic achievement, it is important for all parties involved to work together to create a supportive environment, which not only focuses on the intellectual development but also the emotional and social well-being of students. This includes implementing teaching methods that suit diverse learning needs, providing adequate educational resources, and promoting involvement from parents and the community. With a holistic and integrated approach, students can optimize their abilities and achieve higher academic performance.

The Role of the Family Environment

Parental support for their children's education plays a crucial role in improving academic achievement. This support can take the form of motivation, supervision in learning, or the provision of adequate support facilities, such as books and access to other learning resources (Aslan, 2017). Parents who are actively involved in their children's educational activities often encourage their children to have a positive attitude towards learning and set high standards for academic achievement (Kim, 2023). In addition, emotional support from parents, such as providing encouragement when children face difficulties or frustrations in learning, also greatly affects children's academic resilience. The presence of parents as role models and sources of information also plays an important role in forming good study habits and developing adequate time management and discipline skills (Naushad, 2022).

Family communication and socioeconomic conditions significantly affect students' academic achievement. Families with effective communication tend to form an environment that supports and values education, allowing children to feel comfortable discussing school life and the challenges they face (Lei, 2023). This facilitates early identification of problems or additional support needs in the learning process. On the other hand, unfavorable socioeconomic conditions can be a barrier to academic achievement due to limited access to educational resources and educational culture at home (Wilder, 2023). Students from families with low socioeconomic backgrounds may face extra difficulties, such as a lack of academic guidance at home or the need to work part-time, which can divert their focus and energy from education (Cosso et al., 2022). However, strong support from family and community can help

downplay the negative impact of socioeconomic conditions and encourage students to reach their full academic potential (Yahaya et al., 2020).

Addressing the challenges associated with lower socioeconomic conditions requires a collaborative approach between schools, families and communities. Community involvement in the form of mentoring programs, scholarships, and extra learning resource support can support students from low-income families (Aslan, 2019). Schools can also play an active role by providing assistance programs that ensure all students, regardless of their economic background, have equal access to quality learning facilities and materials. This includes providing internet access and adequate technology for distance learning or self-study at home (Desiningrum, 2022).

In addition, it is important for governments and educational institutions to design policies that support educational equality. Programs such as community-based schools or schools that offer specialized support can be established to strengthen the link between the family environment and educational institutions. Through inclusive and equitable policies, opportunities for academic success can be provided more equitably, giving every child a fair chance to thrive and achieve their goals (Carracedo, 2022).

Strong parental involvement and support as well as a conducive environment in the family and community complement formal education efforts and play an important role in shaping children who are not only academically brilliant but also emotionally and socially strong. By focusing on collaboration between these environmental factors, we can create a more educative and supportive society for all students, regardless of their economic background (Parveen, 2023).

The influence of family environment on children's academic achievement

Aspects of the family environment play a huge role in children's academic achievement. Each element, from emotional support, to communication, to habits and values shared within the family, all contribute to how children respond to and carry out their academic tasks (Mizani et al., 2020). Open and constructive communication between parents and children builds a foundation of trust and facilitates the exchange of information and support that helps children feel known and understood about the issues they face. Emotional support, such as recognition of effort and achievement, boosts children's self-confidence and their motivation to achieve (Teuber, 2022). Good study habits nurtured in the family environment, such as regular study time and minimal distractions, support children in building the discipline and concentration necessary for academic success (He, 2021).

In addition, the values and expectations instilled by the family also play a key role. Families that emphasize the importance of education and have high expectations will encourage children to set and achieve high standards in their education (Petscher et al., 2022). Parents who serve as role models through their own involvement in lifelong

learning or intellectual pursuits show children the value of knowledge and learning. A supportive family environment rich in learning and cognitively stimulating resources, from books to discussions on insightful topics, enriches children's learning experiences and enhances their ability to absorb information and think critically (Cho & Choi, 2022). Thus, every aspect of the family environment, from communication, to emotional support, to the values provided, all contribute importantly to supporting children's academic achievement.

A stable family environment also provides a sense of security that is essential for children to develop their capacity at school. This sense of security allows children to focus on learning without being burdened by the worries or stress that often arise from unstable family conditions (Zenda, 2020). That sense of security and stability is especially important when children face challenges at school; they need a strong foundation at home that provides clarity and support as they explore and overcome those obstacles (Adeyinka et al., 2022).

In addition, parents' active involvement in their children's education has been shown to have a significant influence on academic achievement. Parents who regularly check on their children's academic progress, attend meetings with teachers and take the time to help with homework or school projects give children the message that their education is important and valued (Owino, 2023). This involvement not only reinforces the education the child receives at school but also deepens the bond between parent and child, all of which contributes to the child's overall personal development and academic achievement (Devaney & Crosse, 2023).

Thus, a supportive family environment in all its aspects, from emotional support to active involvement in education, is crucial in forming the foundation for a child's academic achievement. Through a home full of support, love and the right values, children can develop essential skills and attitudes that underpin academic success, as well as holistic personal development.

Conclusion

The main findings of the research on the influence of family environment on children's academic achievement show that emotional support, effective communication and parental involvement in the educational process play a key role in children's academic success. Emotional support provided by the family, including recognition of effort and achievement, as well as the provision of a stable and safe environment, helps boost children's self-confidence and their motivation to achieve. In addition, open communication between parents and children helps build a foundation of trust that facilitates the exchange of information and support, which is essential for overcoming academic challenges. Parental involvement in educational activities, such as checking learning progress, supporting homework and attending meetings with

teachers, reinforces the value of education and improves the relationship between parents and children, which positively influences learning achievement.

Secondly, the study also found that a family environment rich in learning resources and intellectual stimuli, including good study habits, high expectations of education and values, significantly supports children's academic development. Study habits established at home, such as having regular study times and minimal distractions, play a role in developing children's discipline and concentration. Family values and expectations that emphasize the importance of education inspire children to set and achieve high standards of achievement. Thus, the research findings underscore the importance of a supportive family environment, which includes emotional support, involvement in education and the creation of an environment conducive to learning, as an important factor in supporting children's academic success.

References

- Adeyinka, O. L., Temiloluwa, J. E., & Chioma, A. A. (2022). Individual Parental Involvement versus Peer Relationships Influences on Student Academic Achievement in Biology. *Research and Analysis Journal*, 5(9), 6–12. <https://doi.org/10.18535/raj.v5i9.336>
- Afiyanti, Y. (2008). Focus Group Discussion (Diskusi Kelompok Terfokus) sebagai Metode Pengumpulan Data Penelitian Kualitatif. *Jurnal Keperawatan Indonesia*, 12(1), 58–62. <https://doi.org/10.7454/jki.v12i1.201>
- Aslan. (2019). Peran Pola Asuh Orangtua di Era Digital. *Jurnal Studia Insania*, 7(1), Article 1. <http://dx.doi.org/10.18592/jsi.v7i1.2269>
- Aslan, A. (2017). PENDIDIKAN REMAJA DALAM KELUARGA DI DESA MERABUAN, KALIMANTAN BARAT (PERSPEKTIF PENDIDIKAN AGAMA ISLAM). *Al-Banjari : Jurnal Ilmiah Ilmu-Ilmu Keislaman*, 16(1), Article 1. <https://doi.org/10.18592/al-banjari.v16i1.1158>
- Aslan, Setiawan, A., & Hifza. (2019). Peran Pendidikan dalam Merubah Karakter Masyarakat Dampak Akulturasi Budaya di Temajuk. *FENOMENA*, 11(1), Article 1. <https://doi.org/10.21093/v.v11i1.1713>
- Carracedo, A. N. (2022). Emotional Intelligence and academic achievement: Emotional Well-being, motivation and learning strategies as mediators [Dataset]. *Datasets*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.14201/gredos.151235>
- Cho, K. W., & Choi, Y. (2022). How Do Different Types of Parental Involvement Affect Academic Achievement? *Journal of Public Policy Studies*, 39(3), 443–480. <https://doi.org/10.33471/ila.39.3.18>
- Cosso, J., Suchodoletz, A. von, & Yoshikawa, H. (2022). Effects of parental involvement programs on young children's academic and social-emotional outcomes: A meta-analysis. *Journal of Family Psychology*, 36(8), 1329–1339. <https://doi.org/10.1037/fam0000992>
- De, S. N. (2023). Connections Between Parental Marital Status, Parental Involvement and Literacy Achievement of Kindergarten Children. *Child & Youth Care Forum*, 53(1), 95–115. <https://doi.org/10.1007/s10566-023-09747-8>

- Desiningrum, D. R. (2022). Emotional Competence, Family Social Support and Parental Stress in Mothers of Children with Autism during the Pandemic. *Journal of Educational, Health and Community Psychology*, 11(2), 342–342. <https://doi.org/10.12928/jehcp.v11i2.22389>
- Devaney, C., & Crosse, R. (2023). Introduction to parenting support and parental participation in children and family services. *International Perspectives on Parenting Support and Parental Participation in Children and Family Services*, Query date: 2024-05-28 20:38:49, 1–12. <https://doi.org/10.4324/9781003334248-1>
- Erdem, C., & Kaya, M. (2020). A Meta-Analysis of the Effect of Parental Involvement on Students' Academic Achievement. *Journal of Learning for Development*, 7(3), 367–383. <https://doi.org/10.56059/jl4d.v7i3.417>
- Fu, Y., Burns, R. D., Constantino, N., Lopez, X., & Dryer, S. (2022). Associations of 24-Hour Movement Behaviors, Parental Academic Support, and Academic Achievement in Alaskan Adolescents. *International Journal of Physical Activity and Health*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.18122/ijpah.010301.boisestate>
- Hadi, I., & Netrawati, N. (2021). Contribution of Emotional Intelligence and Parental Social Support in Student Learning Achievement. *International Journal of Applied Counseling and Social Sciences*, 2(1), 55–66. <https://doi.org/10.24036/005399ijaccs>
- Hairiyanto, Sartika, E., Fransiska, F. W., & Aslan. (2024). UNDERSTANDING THE STUDENTS' ENGLISH LEARNING ACHIEVEMENT AND HOME ENVIRONMENT SUPPORTS DURING SCHOOL CLOSURE TO RESPOND TO PANDEMIC AT PRIVATE MADRASAH TSANAWIYAH AT-TAKWA SAMBAS. *International Journal of Teaching and Learning*, 2(4), Article 4.
- He, B. (2021). Family Involvement, School Support, and English Learners' Academic and Socio-Emotional Outcomes. *Proceedings of the 2021 AERA Annual Meeting*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.3102/1681185>
- Jeynes, W. (2022). A Theory of Parental Involvement Based on the Results of Meta-Analyses1. *Relational Aspects of Parental Involvement to Support Educational Outcomes*, Query date: 2024-05-28 20:38:49, 3–21. <https://doi.org/10.4324/9781003128434-2>
- Jeynes, W. H. (2022). 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>
- Kaur, K., & Sharma, L. (2021). Achievement in Social Science among Secondary School Students in relation to School Environment and Parental Involvement. *RESEARCH REVIEW International Journal of Multidisciplinary*, 6(7). <https://doi.org/10.31305/rrijm.2021.v06.i07.020>
- Kim, J. (2023). Determinants of Parental Educational Involvement in the Philippines and Its Impact on Academic Achievement. *Association for Studies in Parents and Guardians*, 10(4), 27–46. <https://doi.org/10.56034/kjpg.2023.10.4.27>
- Kühhirt, M., Klein, M., & Demirer, I. (2020). Children's Academic Achievement and Behavior Problems at the Intersection of Gender and Family Environment. Query date: 2024-05-28 20:38:49. <https://doi.org/10.31235/osf.io/45z2u>

- Lei, Q. (2023). Effects of Family Socioeconomic Status and Parental Involvement on Elementary School Students' Academic Performance. *Proceedings of the 2023 AERA Annual Meeting*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.3102/2015278>
- Miharja, S. (2022). PERSPEKTIF BARU PENELITIAN KONSELING: METODE KUALITATIF DAN KUANTATIF SECARA ONLINE. *Sociocouns: Journal of Islamic Guidance and Counseling*, 2(1), 23–42. <https://doi.org/10.35719/sjigc.v2i1.25>
- Mizani, H., Basir, A., Giri, S., Juhaidi, A., & Aslan, A. (2020). Understanding Islamic Education Model for Children of Early Married Families in South Kalimantan. *Talent Development & Excellence*, 12(2), Article 2.
- Naushad, R. B. (2022). Differential effects of socio-economic status and family environment of adolescents on their emotional intelligence, academic stress and academic achievement. *IJERI: International Journal of Educational Research and Innovation*, 17, 101–120. <https://doi.org/10.46661/ijeri.5148>
- Nurdiana, I. (2020). Perbedaan Penelitian Kuantitatif Dan Kualitatif. Query date: 2024-05-25 20:59:55. <https://doi.org/10.31219/osf.io/t2d7x>
- Owino, A. M. (2023). Influence of Parental Involvement as a Discipline Management Strategy on the Academic Achievement of Students in Siaya County. *Journal of Strategic Management*, 7(6), 27–42. <https://doi.org/10.53819/81018102t2191>
- Parveen, Z. (2023). Enhancing Motivation, Interest and Academic Achievement in Students with Hearing Impairment through Parental Involvement: An Action Research Inquiry. *Journal of Development and Social Sciences*, 4(Query date: 2024-05-28 20:38:49). [https://doi.org/10.47205/jdss.2023\(4-iii\)32](https://doi.org/10.47205/jdss.2023(4-iii)32)
- Petscher, Y., Noel, L. T., Yun, H. J., & Catts, H. W. (2022). Heterogeneity in Parental Trauma, Parental Behaviors, and Parental Academic Involvement. Query date: 2024-05-28 20:38:49. <https://doi.org/10.31234/osf.io/c2npr>
- Sarmila, U., Aslan, A., & Astaman, A. (2023). THE ROLE OF PARENTS TOWARDS YOUTUBE USERS IN BUILDING CHILDREN'S RELIGIOUS BEHAVIOR IN KUALA PANGKALAN KERAMAT VILLAGE. *Archipelago Journal of Southeast Asia Islamic Studies (AJSAIS)*, 1(2), Article 2.
- Segovia, J., & McWayne, C. M. (2022). A Home-to-School Approach for Family Engagement Research and Practice with Young Children in Foster Care. *Relational Aspects of Parental Involvement to Support Educational Outcomes*, Query date: 2024-05-28 20:38:49, 221–243. <https://doi.org/10.4324/9781003128434-16>
- Sitopu, J. W., Khairani, M., Roza, M., Judijanto, L., & Aslan, A. (2024). THE IMPORTANCE OF INTEGRATING MATHEMATICAL LITERACY IN THE PRIMARY EDUCATION CURRICULUM: A LITERATURE REVIEW. *International Journal of Teaching and Learning*, 2(1), Article 1.
- Suroso, A., Hendriarto, P., Mr, G. N. K., Pattiasina, P. J., & Aslan, A. (2021). Challenges and opportunities towards an Islamic cultured generation: Socio-cultural analysis. *Linguistics and Culture Review*, 5(1), Article 1. <https://doi.org/10.37028/lingcure.v5n1.1203>
- Syawie, M. (2005). PERSOALAN METODE KUANTITATIF DAN KUALITATIF. *Sosio Informa*, 10(2). <https://doi.org/10.33007/inf.v10i2.1086>

- Teuber, Z. (2022). Random-Intercept Cross-Lagged Relationships Between Home-Based Parental Involvement and Student Academic Achievement: A Self-Determination Perspective. *Proceedings of the 2022 AERA Annual Meeting*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.3102/18849888>
- Wilder, S. (2023). Effects of parental involvement on academic achievement: A meta-synthesis. *Mapping the Field*, Query date: 2024-05-28 20:38:49, 137–157. <https://doi.org/10.4324/9781003403722-12>
- Yahaya, A., Maakip, I., Voo, P., Yusuf, M. Y. M., & Ramli, N. K. B. A. (2020). Effects of Self-regulated Learning, Parental Involvement and Homework on Academic Achievement of School Students. *International Journal of Academic Research in Progressive Education and Development*, 9(2). <https://doi.org/10.6007/ijarped/v9-i2/7419>
- Ygot, J., & Revalde, H. (2024). Academic Achievement of Primary Learners and the Parental Involvement Capabilities During Covid 19 Pandemic. *American Journal of Multidisciplinary Research and Innovation*, 3(3), 35–44. <https://doi.org/10.54536/ajmri.v3i3.2659>
- Yue, Y., Zhu, X., Zhang, Y., & Ren, W. (2022). Chinese Parental Involvement and Support Scale for Preschool Children. *PsycTESTS Dataset*, Query date: 2024-05-28 20:38:49. <https://doi.org/10.1037/t85784-000>
- Zenda, R. (2020). Implementing a parental involvement policy to enhance Physical Sciences learner's academic achievement in rural secondary schools. *Educational Research for Policy and Practice*, 20(2), 125–143. <https://doi.org/10.1007/s10671-020-09271-9>
- Zulfiqar, N., Shafi, M. T., & Ajmal, R. (2023). Academic Achievement of First-Generation University Students in Spotlight: Role of Parental Involvement, Autonomy Support, and Academic Motivation. *Journal of College Student Retention: Research, Theory & Practice*, Query date: 2024-05-28 20:38:49, 2147483647–2147483647. <https://doi.org/10.1177/15210251231160774>