

The Role of Understanding Child Psychology in Improving Student Learning Achievement: A Literature Review

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Abstrak

Pemahaman psikologi anak merupakan aspek penting bagi orang tua dalam mendukung perkembangan dan prestasi belajar anak-anak mereka. Studi ini bertujuan untuk mengeksplorasi urgensi pemahaman psikologi anak bagi orang tua dalam konteks peningkatan prestasi belajar siswa. Melalui tinjauan literatur yang komprehensif, artikel ini menyajikan analisis tentang pentingnya pemahaman psikologi anak dalam membentuk lingkungan belajar yang mendukung, memahami kebutuhan individu anak, serta menerapkan strategi pendekatan yang sesuai dengan tahap perkembangan anak. Hasil tinjauan literatur menunjukkan bahwa pemahaman yang baik tentang psikologi anak dapat membantu orang tua dalam membangun hubungan yang sehat dengan anak-anak mereka, mendukung motivasi belajar, mengelola stres, serta mengidentifikasi dan mengatasi hambatan belajar yang mungkin terjadi. Implikasi praktis dari penelitian ini adalah pentingnya penyediaan informasi dan dukungan kepada orang tua dalam memahami aspek psikologis anak guna mendukung perkembangan dan prestasi belajar yang optimal bagi siswa.

Kata Kunci: Pemahaman Psikologi Anak, Prestasi Belajar Siswa

Abstract

Understanding child psychology is an important aspect for parents in supporting their children's development and learning achievement. This study aims to explore the urgency of understanding child psychology for parents in the context of improving student learning achievement. Through a comprehensive literature review, this article presents an analysis of the importance of understanding child psychology in creating a supportive learning environment, understanding children's individual needs, and implementing approach strategies that are appropriate to the child's developmental stage. The results of the literature review show that a good understanding of child psychology can help parents build healthy relationships with their children, support learning motivation, manage stress, and identify and overcome possible learning obstacles. The practical implication of this research is the importance of providing information and support to parents in understanding children's psychological aspects in order to support optimal learning development and achievement for students.

Keywords : Understanding Child Psychology, Student Learning Achievement

INTRODUCTION

Getting an education is the rights of every student, (Siregar, 2023b) which aims to gain a lot of knowledge and skills. (Ali Musri Semjan Putra, 2022) Education for Muslims aims to increase devotion to Allah Subhanahu wa Ta'ala, (Siregar, 2023a) which is in harmony with human nature and aims to purify humans. (Siregar, 2024) Education is a powerful tool for changing the world, as emphasized by Nelson Mandela and echoed by Malala Yousafzai. (Katrina, 2022) Mandela believed that education was the most powerful weapon to bring about change. (Govind, 2017) He advocates education that is in harmony with the surrounding circumstances to encourage healthy growth. Education is undeniably the foundation for the growth and development of every individual. (Ankit, Kr., 2022) It plays an important role in shaping various aspects of human life, including social, intellectual, emotional, and cultural domains. (Dilnavoz, Shavkidinova., Feruza, Suyunova., Jasmina, 2023) Education not only increases one's understanding of the world but also equips individuals with the necessary skills to navigate life successfully. (Anca, 2022)

Through a deeper understanding of child psychology, parents can gain better insight into their children's mental needs and well-being. Thus, they can adopt more effective and supportive parenting strategies, which in turn can improve their children's learning motivation and academic performance.

Research has shown various links between parents' understanding of children's psychology and academic achievement. Studies have highlighted that positive parenting styles, such as emotional warmth and understanding, have a positive impact on academic performance. (Kurniaman et al., 2021) In addition, parental involvement, communication with the school, and creating a conducive learning atmosphere at home are related to improved academic outcomes. (Xie et al., 2022) Furthermore, addressing child psychological abuse and neglect (CPAN) and promoting children's learning engagement play an important role in academic achievement, especially among those from low socioeconomic status families. (Renata, Garcia, Fisch., Naiana, Dapieve, 2020) Interventions involving parents, such as group meetings focused on family-school relationships, have shown potential in improving academic performance. Overall, understanding child

psychology and encouraging positive parental involvement are key factors in promoting academic success.

Research methods

The literature study method, commonly known as library research, is used in various research fields. (Sultan & Abidin, 2022) This approach involves reviewing existing academic publications to gather information and insight on a particular topic. (Yuliansyah, 2016) Additionally, literature reviews play an important role in understanding advances in survey techniques to increase response rates in social science research. (Guanlong, Li., Yueqing, 2019)

This research is qualitative research with descriptive analysis techniques with library research where this research was attempted to describe those existing phenomena, taking place at the moment or the moment that past. This article highlights Islamic boarding school education in the digital era: a literature review on building relevant and adaptive curricula.

Discussion result

The Importance of Understanding Child Psychology

The importance of understanding child psychology for parents makes this discussion interesting, because every human being is born with parents and will later become parents and have children. Child psychology helps parents understand their child's physical, emotional, and cognitive development. This opens the door for parents to respond more effectively to their children's needs, especially in the context of education and learning.

Child psychology in education influences children's development and learning processes. Understanding children's psychological needs and behavior is very important for educators to create a conducive learning environment that is in harmony with their psychological development. (Benjamin, Wadham., Firman, 2022) In addition, child psychology contributes significantly to dealing with children with special needs, requiring early intervention and support through a collaborative approach involving psychologists, families, educators and other professionals in the bio-psycho system -social. (Nurliana, Nurliana., Miftah, 2021)

Islamic educational psychology further emphasizes the importance of shaping children's attitudes and souls by integrating spiritual and social approaches into a dynamic learning process, impacting children's development in the family, school and community environment. (hanurawan, 2017) Overall, child psychology not only shapes children's personalities but also influences their future trajectories and has an impact on society as a whole.

Understanding child psychology in an educational context is critical to promoting optimal child development and learning. (Stuart, N., Hart., Brannon, W., 2020) Teachers must understand the psychology of learning to influence children positively. (Nurliana, Nurliana., Miftah, 2021) Inter-professional education between pediatric nurses and clinical psychologists can improve the provision of mental health care for children. (Sections et al., 2000) School psychologists expanded their role to include the early childhood context, emphasizing assessment, consultation, intervention, and family support. (Laura, Lee, McIntyre., S., Andrew, 2016) Parents and teachers face challenges in motivating elementary school students, highlighting the importance of understanding the psychological characteristics of child development. (Suciati, 2015) By integrating child psychology into educational practices, stakeholders can create a conducive learning environment that serves children's diverse needs and encourages their overall growth and well-being .

Student Learning Development

Children's cognitive development refers to the development of the ability to think, understand and solve problems starting from infancy to adolescence. This process involves various aspects such as perception, memory, language, and problem solving abilities. An understanding of a child's stages of cognitive development helps parents and educators design appropriate learning environments and provide the support needed for optimal development. Information Processing aims at a cognitive psychology approach that explains how humans process, store and retrieve information. This theory considers the human brain as a system similar to a computer, which processes information through a series of stages or components. Information Processing provides a

useful framework for understanding how humans learn and remember information. It helps educators and psychologists in designing effective strategies for teaching and learning.

The social and emotional development aspect of children is an important aspect of growth which includes how children understand and manage their emotions, form relationships with other people, and develop social identities. Parental parenting styles on the social emotional development of early childhood have an influence on their achievement. (Syahrul & Nurhafizah, 2021)

Factors that influence children's social and emotional development include: 1) Interaction with parents and other family members provides an important basis for emotional and social development. 2) Relationships with peers provide opportunities to learn social skills such as sharing, cooperation, and conflict resolution. 3) Schools and teachers play a big role in teaching social skills and managing emotions. 4). Cultural values and social norms influence how children learn to interact with others. 5) Positive and negative experiences can shape the way children manage emotions and interact with other people.

Understanding and supporting children's social and emotional development is key to helping them grow into emotionally healthy individuals capable of interacting positively with others. Strategies to support children's social and emotional development by: 1) Providing emotional support by listening and responding to children's emotional needs with empathy; 2) Teaching children emotional regulation by helping children identify and manage their emotions through techniques such as deep breathing, talking about feelings, and seeking constructive solutions; 3) Encourage Social Interaction by helping children get involved in group activities and playing with peers; 4) Provide examples of positive behavior, by demonstrating good social behavior such as listening, sharing and working together; 5) Teach social skills by teaching skills such as speaking politely, resolving conflicts, and respecting other people's feelings.

The individual differences aspect of learning refers to unique variations among individuals in the way they process information, develop skills, and demonstrate knowledge. These differences can be influenced by various factors, including cognitive, emotional, social, and environmental. Understanding these

differences is important for optimizing the learning and teaching process. The following are several main factors that cause individual differences in learning: 1. Visual, auditory, kinesthetic learning styles. 2. Internal motivation (such as personal interest and long-term goals) and external motivation (such as rewards and recognition) play an important role in the learning process. Motivated students tend to be more persistent and enthusiastic in learning. 3. Family background, culture and social environment can influence a person's way of learning. Cultural values, social norms, and family support play an important role in shaping learning attitudes and behavior. 4. Cognitive abilities such as memory, attention, information processing speed, and problem-solving abilities vary greatly among individuals and influence learning effectiveness. 5. Emotional well-being, such as levels of anxiety, stress, and self-confidence, can affect learning ability. Students who feel safe and emotionally supported are more likely to engage effectively in the learning process. 6. Different teaching approaches and methods can influence student learning effectiveness. Some students may respond better to a hands-on, structured approach, while others prefer independent or collaborative learning methods.

Strategies for accommodating individual differences in student learning are: 1.) Diverse learning approaches, 2) Personalized learning, 3) Providing constructive feedback. 4) Supportive learning environment, 5) Application of technology 6) Development of metacognitive skills. By understanding and accommodating individual differences in learning, educators can help each student reach their full potential and create more effective and meaningful learning experiences. Individual differences in learning have important implications for learning and teaching. Teachers and educators need to adapt their approaches to meet the unique needs of each student.

The different aspects of learning, as discussed in the context provided, focus on adapting teaching methods to accommodate diverse student needs. (Amalia et al., 2023)

The differential learning aspect aims to be used in software testing to compare different algorithm implementations, especially within a deep learning framework. (Herbold & Tunkel, 2023) Additionally, there is growing interest in

leveraging deep learning for differential analysis in cryptographic algorithms, aiming to improve security by differentiating between ciphertext and random sequences. (Ying, Huang., Lang, Li., Ying, Guo., Yu, Ou., Xiantong, 2023) Additionally, machine learning methods have been proposed to solve fully nonlinear partial differential equations, especially those with convex Hamiltonians, by approximating control optimal feedback using neural networks and approximating the associated value functions. (Herbold & Tunkel, 2023) These diverse applications highlight the versatility and effectiveness of utilizing differentiation and differential techniques in various fields for better results.

The Impact of Understanding Child Psychology on Parent-Child Interactions

Parents who understand child psychology tend to have more positive interactions with their children. They can be more sensitive to children's behavioral and emotional changes and can provide appropriate support to facilitate optimal learning.

Understanding child psychology for parents aims to improve children's learning achievements. (Polencis & Ri, 2023) Parents play an important role in shaping their children's academic success by providing guidance, attention, and learning facilities. (Hamidun et al., 2019) Active parental involvement, such as monitoring study habits, showing interest in learning progress, and organizing study time, has a positive impact on children's motivation and academic outcomes. (Kurniaman et al., 2021) Parents often try their best to support children in education, but without adequate understanding of the child's psychological development stages, these efforts may not be optimal. Therefore, this article aims to highlight the urgency of understanding child psychology for parents in improving student learning achievement.

The Relationship between Understanding Child Psychology and Student Learning Achievement

The relationship between parents' level of understanding of child psychology and student learning achievement has a positive relationship. Parents

who understand their children's developmental stages and their psychological needs tend to have children with better learning achievements.

Parents are recognized as stakeholders in education in various contexts. They play an important role in the quality of educational services provided, as they are considered the main customers in the education sector. (Ehsanullah, Pamir., Asadul, Haque, 2023) In rural school settings, parents are highlighted as key participants alongside community leaders, government officials, and business personnel, all working together to improve the quality of education. (Mwaija, Shabani, Lukala., Peter, T., 2022) Additionally, in higher education, parents are seen as actively involved in their children's academic journey, understanding teaching excellence through various indicators such as course design, student progress, and support academic. (Vicente & Revilla, nd) Therefore, parental involvement and perspectives are critical in shaping educational outcomes and experiences at various levels of the educational system.

Understanding child psychology plays an important role in student learning achievement. (Afdal et al., 2020) Research shows that child psychological abuse and neglect negatively impacts children's academic achievement, emphasizing the importance of learning engagement in reducing these effects, especially for children from families with low socioeconomic status. (Li et al., 2022) Additionally, students' conceptions of learning are significantly related to their academic achievement, with the number of conceptions influencing their success. (Hardiyanti et al., 2014) Furthermore, students' motivation was found to have a moderate correlation with their learning achievement, highlighting the importance of intrinsic drive in academic success. (Amirtha, Mary.T., A., Umesh, Samuel, 2014) Overall, a comprehensive understanding of child psychology, coupled with a supportive learning environment, motivation, and engagement, significantly contributes to student learning achievement.

Implications of Understanding Child Psychology for Parents

Understanding child psychology is very important for parents in improving student learning achievement. (Polencis & Ri, 2023) Parents play an important

role in shaping their children's educational success by being actively involved in their learning process. (Ernawati et al., 2022) By understanding the psychological characteristics of children's development, such as physical, social, language and cognitive aspects, parents can adapt their teaching methods to suit their children's needs and motivation. (Suciati, 2015) Additionally, parental motivation has been shown to have a major impact on student achievement, highlighting the importance of parental involvement and support in fostering a positive learning environment for their children. (Hamidun et al., 2019) Ultimately, when parents understand child psychology and are actively involved in their children's education, it can lead to improved academic outcomes and overall success in learning.

Conclusion

The study emphasizes that parents should engage in a variety of activities to support their children's learning, following models such as Joyce Epstein's model of parental involvement. Additionally, parental motivation has been found to significantly influence student achievement, highlighting the importance of parents in fostering a conducive learning environment. By understanding child psychology and actively participating in their education, parents can effectively contribute to their children's academic growth and overall success. In discussing the research results regarding the urgency of understanding child psychology for parents in improving student learning achievement, several main points can be emphasized.

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