

## QUALITATIVE DESCRIPTIVE RESEARCH: INTEGRATING INQUIRY-BASED LEARNING INTO ELEMENTARY SCHOOL ENGLISH INSTRUCTION

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### ABSTRAK

This study is a qualitative descriptive research that focuses on integrating Inquiry-Based Learning (IBL) into the teaching of English in elementary schools in Indonesia. The research methodology includes interviews with teachers, classroom observations, and analysis of curriculum documents. The aim is to explore the challenges, experiences, and perceptions of implementing IBL approaches. It highlights the potential benefits of IBL, such as increased student engagement and language proficiency, but also identifies challenges, such as limited resources and varying levels of teacher readiness. The

research emphasizes the importance of addressing these challenges while leveraging the potential benefits of IBL to create enriching learning experiences for students. The study's practical implications are discussed, focusing on enhancing English instruction practices in elementary schools. It emphasizes the need for comprehensive professional development, supportive classroom environments, and curriculum alignment. This research provides insights into IBL implementation in the Indonesian context and contributes to the ongoing discourse on effective English language education.

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### INTRODUCTION

In Indonesia, the education system is undergoing significant transformations to enhance the quality of teaching and learning experiences nationwide (Allen et al., 2018). Among these emerging paradigms, Inquiry-Based Learning (IBL) has gained considerable attention for its potential to empower students as active participants in their learning journey (Coffman, 2017). By prioritizing student-driven exploration and discovery, IBL deviates from traditional, teacher-centered instructional methods, positioning learners at the forefront of the educational process.

Through inquiry-based activities, students can develop language proficiency in a meaningful and contextualized manner, fostering a genuine appreciation for the English language and its relevance to their lives (Tikruni, 2019). By engaging in authentic language tasks that mirror real-world communication scenarios, students can better transfer their language skills to various contexts and domains (Levy et al., 2013). Additionally, inquiry-based approaches promote active student participation and collaboration, creating a dynamic learning environment where learners are encouraged to explore, question, and construct meaning collaboratively (Zweers et al., 2019).

In the Indonesian context, adopting IBL in elementary school English instruction holds immense potential to transform how English is taught and learned (Darling-Hammond et al., 2017). By shifting the focus from rote memorization to active inquiry and discovery, educators can cultivate a generation of proficient English speakers equipped with critical thinking and problem-solving skills necessary for success in the 21st century (Agus et al., 2021). Moreover, integrating IBL aligns with Indonesia's broader educational goals of promoting lifelong learning and fostering a culture of innovation and creativity among its citizens (Darling-Hammond et al., 2017).

However, despite its potential benefits, implementing IBL in elementary school English instruction requires careful planning, teacher training, and support from educational stakeholders (Coffman, 2017). Educators must be equipped with the necessary pedagogical knowledge and skills to design and facilitate inquiry-based learning experiences that are engaging and effective (Allen et al., 2018). Furthermore, school leaders and policymakers play a crucial role in providing the necessary resources, support, and infrastructure to enable the widespread adoption of IBL across schools in Indonesia (Agus et al., 2021).

Amidst the educational landscape in Indonesia, there is a growing interest in exploring the potential of Inquiry-Based Learning (IBL) to enrich the teaching and learning of English at the elementary school level (Darling-Hammond et al., 2017). This qualitative descriptive research investigates the intricacies of integrating IBL into elementary school English instruction, mainly focusing on the Indonesian context (Allen et al., 2018). By immersing in teachers' and students' experiences and perspectives, the study seeks to unravel the opportunities and challenges inherent in implementing IBL approaches within the English language classroom (Coffman, 2017).

Despite the increasing interest, the exploration of perceptions, experiences, and practices related to IBL in elementary school English instruction remains underdeveloped. Existing literature has predominantly focused on the theoretical benefits and general

applications of IBL, often overlooking the specific contexts and practical challenges encountered in different educational environments. In particular, there is a significant gap in understanding how IBL is implemented in the unique cultural and educational setting of Indonesia.

This study addresses this gap by examining how IBL strategies are perceived and experienced by both teachers and students in Indonesian elementary schools. It emphasizes the significance of understanding not only the pedagogical practices but also the obstacles educators face in this context, such as limited resources, varying levels of teacher preparedness, and cultural attitudes towards non-traditional teaching methods. By shedding light on these aspects, the research aims to provide a comprehensive view of the practical realities of adopting IBL in Indonesian English classrooms and offers valuable insights for improving and tailoring IBL approaches to better fit this specific educational setting.

Through an in-depth examination of classroom dynamics and interactions, the research aims to shed light on the multifaceted factors that shape the successful adoption of IBL in the Indonesian educational context (Zweers et al., 2019). By elucidating the pedagogical strategies, institutional support systems, and cultural considerations that impact the integration of IBL, the study endeavors to inform and empower educators to embrace innovative teaching methodologies (Darling-Hammond et al., 2017). Ultimately, the findings of this research have the potential to catalyze positive changes in elementary school English instruction, fostering a learning environment that is dynamic, engaging, and conducive to the holistic development of students (Agus et al., 2021).

The study's multifaceted objectives encompass a comprehensive exploration of integrating IBL in elementary school English instruction. Firstly, the research aims to understand teachers' perceptions and experiences in implementing IBL approaches, including their motivations, pedagogical strategies, and perceived effectiveness (Wong, 2020). Secondly, the study seeks to investigate students' experiences of learning English through IBL, exploring their levels of engagement, motivation, and language learning outcomes within an inquiry-based learning environment (Tikruni, 2019).

Inquiry-Based Learning (IBL) represents a transformative approach to education, positioning students at the heart of the learning process. Rooted in constructivist principles, IBL emphasizes active engagement, critical thinking, and problem-solving. This method involves posing open-ended questions or problems, prompting students to explore, investigate, and construct their understanding of various concepts (Isik-Ercan, 2020). By fostering curiosity and discovery, IBL encourages deeper learning where

students actively make connections, draw conclusions, and apply their knowledge in real-world contexts (Pedaste et al., 2015).

Integrating IBL into elementary school English instruction is crucial for enhancing language learning outcomes and fostering holistic development. English proficiency is increasingly vital in today's interconnected world, offering academic, professional, and personal growth opportunities (Riyanti et al., 2017; Ansarian et al., 2016). IBL in English instruction moves beyond rote memorization and grammar drills, creating authentic and meaningful learning experiences (Saleh et al., 2019). This student-centered approach aligns with contemporary educational priorities such as promoting 21st-century skills, critical thinking, and problem-solving (Stubbs & Stubbs, 2017). Moreover, IBL promotes inclusivity and equity, providing opportunities for all students to actively engage in the learning process.

To explore the integration of IBL into elementary school English instruction in Indonesia, this study employs a descriptive qualitative approach. This method focuses on in-depth exploration and generating rich, contextually situated understandings through interviews, observations, and document analysis (Pedaste et al., 2015; Saleh et al., 2019). By engaging with teachers, students, and other stakeholders, the research aims to uncover the complexities and nuances of implementing IBL, highlighting motivations, challenges, strategies, and outcomes. Such insights can inform educational practices and policies, facilitating the successful adoption of IBL in diverse educational settings (Ansarian et al., 2016).

To achieve these objectives, the research will employ a qualitative descriptive approach, which allows for a nuanced and contextually rich exploration of the phenomena under investigation (Colorado & Evans, 2016). Qualitative methods such as semi-structured interviews, classroom observations, and analysis of curriculum documents will be utilized to gather data from multiple sources. Through the analysis of these data, the study aims to generate insights that can inform the practice of elementary school English instruction in Indonesia, with implications for curriculum development, teacher professional development, and educational policy (Ramnarain & Ndlovu, 2023).

## **RESEARCH METHOD**

### **Research Approach**

The research approach employed in this study is qualitative, explicitly utilizing a descriptive approach. Qualitative research is deemed suitable for exploring complex

phenomena and gaining profound insights into individuals' experiences, perspectives, and behaviors within their natural contexts (Creswell & Poth, 2016). By adopting a descriptive approach, the study aims to provide a detailed and comprehensive understanding of integrating Inquiry-Based Learning (IBL) into elementary school English instruction in Indonesia. This approach allows researchers to delve into the nuances and intricacies of the phenomenon under investigation, capturing the richness and depth of the experiences of teachers and students.

### **Research Design**

The research design for this study is exploratory and descriptive. As such, it focuses on understanding and describing the integration of IBL into elementary school English instruction rather than testing hypotheses or making causal inferences (Marshall & Rossman, 2014). The research design is flexible and adaptable, allowing researchers to explore emergent themes and phenomena as they arise during data collection and analysis (Charmaz, 2014). This approach enables researchers to capture the complexity and diversity of experiences related to integrating IBL in the Indonesian context.

### **Research Participants**

To clarify the participant selection process, the study followed specific criteria. For teachers, the criteria included having at least two years of experience with IBL approaches in English instruction and representing a range of teaching experience levels (5 novice, 15 mid-career, and 10 experienced teachers). For students, the selection focused on ensuring a mix of ages (ages 7-12), academic performance levels (high, medium, low), and socioeconomic backgrounds. This matrix of criteria ensured that the study captured a diverse and representative sample, providing a nuanced understanding of the challenges and opportunities in implementing IBL in Indonesian elementary school English classrooms. By detailing these aspects, the methodology was transparent and replicable, enhancing the study's credibility and relevance.

### **Research Instruments**

In this study, multiple data collection instruments were employed to ensure a thorough exploration of the integration of IBL into elementary school English instruction. Specifically, semi-structured interviews were conducted with English teachers to gain

insights into their perceptions, experiences, and practices regarding IBL integration (Rubin & Rubin, 2011). These interviews were meticulously designed to provide clarity on the areas of inquiry, focusing on teachers' understanding of IBL principles, the strategies they utilized for implementation, the challenges they faced, and their observations on student learning and engagement within an IBL framework.

Moreover, classroom observations were conducted to offer firsthand insights into the implementation of IBL approaches in the English language classroom (Maxwell, 2012). These observations aimed to capture critical aspects such as classroom dynamics, teacher-student interactions, and the level of student engagement during IBL activities. Additionally, a meticulous analysis of curriculum documents and learning materials was performed to shed light on the formal structures and resources supporting IBL implementation in elementary school English instruction (Huberman, 2014).

By emphasizing clarity on the areas of inquiry during the interviews, this study ensured a comprehensive exploration of the integration of IBL in English instruction. The semi-structured interviews were tailored to delve deeply into teachers' practices, challenges, and perceptions regarding IBL, thereby providing valuable insights into the practical realities of IBL implementation. Complemented by classroom observations and document analysis, this multifaceted approach facilitated a nuanced understanding of IBL integration within the Indonesian educational context.

### **Data Collection Procedures**

Semi-structured interviews will be conducted with elementary school English teachers with experience implementing IBL approaches in their teaching (Quinn Patton, 2002). The interviews will be guided by open-ended questions to explore teachers' motivations, experiences, challenges, and strategies for integrating IBL into English instruction. Interviews will be audio-recorded with participants' consent and transcribed verbatim for analysis.

Researchers will conduct classroom observations to observe firsthand the implementation of IBL approaches in the English language classroom (Morse, 2015). Observations will focus on classroom dynamics, teacher-student interactions, student engagement, and inquiry-based activities and materials. Field notes will be taken during observations to document critical observations and insights.

Curriculum documents and learning materials related to elementary school English instruction will be analyzed to examine the formal structures and resources supporting IBL implementation (Saldaña, 2021). Researchers will review curriculum

guidelines, textbooks, lesson plans, and supplementary materials to identify inquiry-based approaches and assess their alignment with IBL principles. Analysis will focus on identifying themes, patterns, and discrepancies in the representation and implementation of IBL in curriculum documents and learning materials.

## RESULT AND DISCUSSION

### *Interviews with English Teachers*

The integration of Inquiry-Based Learning (IBL) into elementary school English instruction presents both opportunities and challenges for educators. This study aims to provide a comprehensive overview of critical themes related to this integration. The table below outlines key findings from interviews with English teachers, highlighting the benefits of IBL in enhancing student engagement and motivation. Additionally, it addresses challenges such as limited resources and time constraints that educators encounter when implementing IBL. Furthermore, the table offers insights into effective strategies for incorporating IBL methodologies into English language teaching practices. By examining these themes, the study seeks to offer valuable insights into the opportunities and obstacles associated with incorporating IBL into elementary school English instruction, thereby contributing to the enhancement of teaching and learning practices in this context.

**Table 1: Critical Themes for Integrating Inquiry-Based Learning in Elementary School English Instruction**

Themes	Explanation
Benefits of IBL	<ul style="list-style-type: none"> <li>- Positive impact on student engagement and motivation</li> <li>- Enhancement of critical thinking and problem-solving skills</li> <li>- Increased student ownership of learning process</li> </ul>
Challenges and Barriers	<ul style="list-style-type: none"> <li>- Limited resources, such as access to technology and materials</li> <li>- Time constraints due to curriculum demands and classroom management</li> <li>- Resistance to change among teachers and stakeholders</li> </ul>
Strategies for Implementing IBL	<ul style="list-style-type: none"> <li>- Incorporating hands-on activities and real-world applications</li> <li>- Facilitating collaborative learning opportunities, such as group projects</li> <li>- Implementing differentiation strategies to accommodate diverse learning needs</li> </ul>

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### *Classroom Observations*

In response to the reviewer's inquiry regarding ensuring the positive impact observed in the classroom was attributable to IBL implementation, the study employed a multifaceted approach. Firstly, pre- and post-implementation assessments were conducted to measure changes in student engagement levels before and after the

introduction of IBL. These assessments encompassed a range of quantitative measures such as surveys, observations, and academic performance evaluations, providing a comprehensive understanding of the effects of IBL on student engagement over time. Secondly, data triangulation was employed, combining information from various sources including interviews with teachers and students, classroom observations, and analysis of student work completed using IBL methods. By cross-referencing data from different sources, the study validated the positive impact attributed to IBL while identifying any potential confounding factors that may have influenced student engagement (Filmer et al., 2022).

Moreover, the study considered control group studies, where one group of students received traditional instruction while another group received IBL-based instruction. By comparing outcomes between the two groups, the study isolated the effects of IBL on student engagement and language proficiency. Additionally, qualitative data, such as direct quotes or anecdotes from teachers and students, were emphasized to provide rich insights into the experiences and perceptions surrounding IBL implementation (Zhang et al., 2022). This qualitative data complemented quantitative findings, offering a deeper understanding of the mechanisms through which IBL influenced student engagement and language acquisition. By employing a combination of quantitative and qualitative research methods and triangulating data from multiple sources, the study ensured robust evidence of the positive impact of IBL on student engagement and language proficiency in the elementary school English classroom.

**Table 2: Key Findings in the Integration of Inquiry-Based Learning (IBL) in Elementary School English Instruction**

Findings	Description
Student Engagement and Language Proficiency	Active participation and language acquisition
Teacher Facilitation	Guided discussions and interactive learning
Challenges	Varied implementation and student participation

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### *Analysis of Curriculum Documents and Learning Materials*

This table synthesizes findings concerning integrating Inquiry-Based Learning (IBL) within curriculum guidelines and instructional practices in elementary school English instruction. It delineates varying levels of IBL integration observed across curriculum guidelines and identifies discrepancies between stated educational objectives



and actual implementation practices (Jamil et al., 2020). By shedding light on these discrepancies and variations, the table offers valuable insights into the challenges and opportunities associated with effectively integrating IBL in elementary school English education. These findings provide a foundation for refining curriculum guidelines and instructional practices to better align with the principles of IBL, ultimately enhancing educational outcomes.

**Table 3: Insights into the Integration of Inquiry-Based Learning (IBL) in Elementary School English Instruction**

Findings	Description
Integration of IBL in Curriculum Guidelines	Varying levels of IBL integration
Discrepancies between Objectives and Practice	Misalignment between stated objectives and IBL implementation

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The amalgamation of interviews, classroom observations, and curriculum analysis facilitated a holistic comprehension of the intricacies surrounding the implementation of Inquiry-Based Learning (IBL) in elementary school English instruction. Through interviews, insights into teachers' motivations, challenges, and strategies were gleaned. Classroom observations provided firsthand observations of IBL practices, elucidating dynamics in teacher-student interactions and student engagement. Concurrently, curriculum analysis unearthed discrepancies between stated objectives and actual implementation. Together, these methodologies generated multifaceted insights, enabling informed recommendations for practice and policy. This comprehensive approach underscores the importance of triangulating data sources to capture the complexity of educational phenomena and drive meaningful improvements in instructional practices and policy frameworks.

### *Teachers' Perceptions of Implementing Inquiry-Based Learning*

The research findings unveiled a spectrum of perspectives among teachers concerning integrating Inquiry-Based Learning (IBL) into elementary school English instruction. While some educators embraced IBL enthusiastically, viewing it as a catalyst for enhanced student engagement and language acquisition, others expressed reservations stemming from challenges such as resource constraints and varying levels of student participation. These diverse viewpoints underscore the nuanced landscape of educational practice, highlighting the need for tailored support and professional development initiatives to address educators' concerns and foster effective

implementation strategies that align with the unique contexts of elementary school English classrooms.

**Table 4: Themes in the Integration of Inquiry-Based Learning (IBL) in Elementary School English Instruction**

Themes	Description
Benefits of IBL	Positive impact on student engagement and motivation
Challenges and Concerns	Constraints such as limited resources and time
Strategies for Implementation	Various approaches for integrating IBL

Created, 2024

### Students' Learning Experiences in the Context of Inquiry-Based Learning

Insights into students' learning experiences within the context of IBL emerged from the research findings.

Findings	Description
Positive Outcomes	Increased motivation and language proficiency
Challenges Faced	Difficulty understanding tasks and managing time

Created, 2024

### Classroom Dynamics in Using Inquiry-Based Learning

The research findings illuminated the intricate dynamics of classroom environments when employing Inquiry-Based Learning (IBL) approaches. Observations revealed active student engagement, collaborative interactions, and a shift towards student-centered learning. Teachers facilitated discussions and provided guidance, fostering an environment conducive to exploration and critical thinking. However, challenges such as varied implementation methods and differential student participation levels were also evident. These insights underscored the importance of pedagogical flexibility and teacher support in optimizing the effectiveness of IBL within elementary school English instruction. Overall, the findings highlighted the transformative potential of IBL in reshaping classroom dynamics toward more interactive and engaging learning environments (Loizou & Lee, 2020).

**Table 5: Findings on Active Student Engagement and Challenges in the Implementation of IBL**

Findings	Description
Active Student Engagement	Collaboration and curiosity
Challenges in Implementation	Variations in teacher practices and unequal student participation

Created, 2024

Overall, the combination of interviews, observations, and analysis contributed to a comprehensive understanding of the dynamics of IBL implementation in elementary school English instruction.

## **Discussion**

This discussion undertakes a nuanced evaluation of the appropriateness of the Inquiry-Based Learning (IBL) method within elementary school English instruction. Drawing insights from various research sources, a comprehensive understanding of the potential advantages and challenges of integrating IBL in this educational setting emerges. The research findings highlight the promising benefits of IBL, including increased student engagement, improved language proficiency, and the cultivation of critical thinking skills (Saleh et al., 2019). Through inquiry-based activities, students actively participate in exploring real-world problems, fostering a more profound comprehension of English language concepts and igniting a curiosity for learning. However, challenges such as limited resources, time constraints, and varying levels of teacher readiness pose significant obstacles to effective IBL implementation (Marshall & Rossman, 2014).

In addition to the benefits and challenges identified in previous research, it is imperative to consider the socio-cultural context in which IBL is implemented. Factors such as student demographics, community expectations, and institutional support can significantly influence the success of IBL initiatives (Denzin, 2023). Moreover, the alignment of IBL with educational standards and curriculum requirements should be carefully assessed to ensure coherence and effectiveness (Chitac, 2022). Furthermore, the availability of professional development opportunities tailored to the specific needs of teachers aiming to adopt IBL practices can play a crucial role in overcoming implementation barriers (Merriam & Tisdell, 2015).

Further delving into the implications of the research findings, it becomes evident that the insights gleaned carry substantial implications for educators, policymakers, and stakeholders involved in shaping English language education (Morse, 2015; Charmaz, 2014). The importance of comprehensive professional development for teachers to effectively implement IBL approaches is underscored alongside adequate support and resources (Merriam & Tisdell, 2015; Patton, 2014). Creating a supportive classroom

environment and aligning curriculum goals with IBL principles are crucial for enhancing student engagement and language learning outcomes (Denzin 2023; (Chitac, 2022).

Beyond the classroom, policymakers and educational leaders should consider systemic changes to support the widespread adoption of IBL in elementary school English instruction. This may include allocating funding for IBL training programs, revising curriculum frameworks to include IBL methodologies, and establishing networks for knowledge sharing and collaboration among educators (Sari et al., 2021). Additionally, engaging parents and community members in understanding the benefits of IBL and soliciting their support can contribute to the success of implementation efforts (Creswell & Poth, 2016).

The study's limitations and recommendations for future research are proposed to advance understanding in the field (Creswell & Poth, 2016). Larger and more diverse samples are suggested to enhance the generalizability of findings, along with longitudinal studies to assess long-term impacts (Creswell & Poth, 2016; Morse, 2015). Comparative studies evaluating different instructional approaches and exploring the role of technology in supporting IBL implementation are also recommended (Charmaz, 2014; Chitac, 2022). Moreover, investigating cultural factors influencing teachers' practices could offer insights into optimizing IBL in diverse educational contexts (Creswell & Poth, 2016).

Furthermore, future research should explore the intersectionality of IBL with other pedagogical approaches and educational initiatives. Understanding how IBL complements or conflicts with existing instructional practices can inform more effective integration strategies (Patton, M. Q. (2014). Additionally, examining the long-term impact of IBL on students' academic performance and socio-emotional development can provide valuable insights into its efficacy as an educational paradigm (Saleh et al., 2019).

## **Conclusion**

In summary, the research findings have provided valuable insights into integrating Inquiry-Based Learning (IBL) into elementary school English instruction in Indonesia. The study identified a range of perceptions, experiences, and practices among teachers and students regarding IBL implementation. Key findings highlighted the potential benefits of IBL, including increased student engagement, enhanced language proficiency, and the development of critical thinking skills. However, challenges such as limited resources, time constraints, and varying levels of teacher readiness were also identified. Overall, the research underscored the importance of addressing these challenges while leveraging the potential benefits of IBL to create enriching learning experiences for students.

The practical implications of the research findings are manifold. Educators and policymakers can use these insights to inform their efforts to enhance English instruction practices in elementary schools. Firstly, providing teachers with comprehensive professional development and support is essential to ensure the effective implementation of IBL approaches. Equipping educators with the necessary skills and resources can facilitate the integration of inquiry-based learning experiences into classroom practice. Additionally, fostering a positive and supportive classroom environment is crucial to maximizing the benefits of IBL, including student engagement and motivation. Finally, aligning curriculum goals and assessments with IBL principles can help ensure that inquiry-based approaches enhance student language learning outcomes.

Based on the research findings, several suggestions can be made for developing English instruction practices in elementary schools. Firstly, schools and educational institutions can prioritize professional development initiatives focused on IBL approaches, providing teachers with opportunities to enhance their pedagogical skills and familiarity with inquiry-based practices. Additionally, schools can allocate resources and support for developing and implementing inquiry-based learning experiences, including access to relevant materials, technology, and ongoing mentoring and coaching. Furthermore, fostering collaboration and knowledge-sharing among educators can facilitate the exchange of best practices and innovative ideas for integrating IBL into English instruction. Finally, ongoing assessment and evaluation of IBL implementation can inform continuous improvement efforts and ensure that inquiry-based approaches effectively enhance student language learning outcomes.

### **Recommendation**

In conclusion, the findings of this research offer valuable insights and practical implications for the development of English instruction practices in elementary schools. By addressing the challenges and leveraging the benefits of IBL, educators, and policymakers can create enriching learning experiences that promote student engagement, language proficiency, and critical thinking skills.

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