

**VOLUME II, ISSUE NO. 1 (2024) | ISSN: 2994-9521** 

# Leading the Way: A Strategic Approach to Large-Scale Educational Reform in Literacy and Numeracy

#### Dr. Frolomea Narra Techo Tañiza

District in Charge / PIV, Department of Education SDO Baybay, Brgy. Gaas, Diversion Road ,Baybay City Leyte https://orcid.org/0009-0001-2904-5240 | frolomeanarra.taza@deped.gov.ph

#### Osias Kit T. Kilag

School Principal, PAU Excellencia Global Academy Foundation, Inc., Philippines Vice-President for Academic Affairs and Research, ECT Excellencia Global Academy Foundation, Inc., Philippines <a href="https://orcid.org/0000-0003-0845-3373">https://orcid.org/0000-0003-0845-3373</a> | <a href="https://orcid.org/0000-0003-0845-3373">okkilag12@gmail.com</a>

## Dr. Elma S. Groenewald

CEO, SG Virtuosos International 1501-1502 Tran Phu Street, Loc Tho Ward, Nha Trang City, Khan Hoa Province, Vietnam 650000 https://orcid.org/0000-0001-7813-2773 | elmasgroenewald@sgvirtuososinternational.com

# Dr. Glenn R. Andrin

Dean, Graduate Studies St. Paul University Surigao, Surigao City, Philippines http://orcid.org/0000-0002-3008-5661 | drandringlenn@gmail.com

# Dr. Julanie L. Abella

Teacher III, Department of Education, Schools Division of Toledo City, Philippines <a href="https://orcid.org/0009-0000-1640-7196">https://orcid.org/0009-0000-1640-7196</a> | <a href="mailto:julanieabellalife@gmail.com">julanieabellalife@gmail.com</a>

#### Nelson A. Cordova Jr.

Program Head, School of Teacher Education, DMC College Foundation, Inc., Fr. Patangan Road, Sta. Filomena, Dipolog City, Zamboanga del Norte, Philippines <a href="https://orcid.org/0009-0003-0939-2899">https://orcid.org/0009-0003-0939-2899</a> | <a href="mailto:nelson@dmc.edu.ph">nelson@dmc.edu.ph</a>

#### **Abstract**

This study delves into the critical role of strategic leadership in the context of large-scale educational reform, with a specific emphasis on literacy and numeracy initiatives. Through an exhaustive literature review, the research identifies key themes and findings, shedding light on the nuanced aspects of leadership that drive successful educational transformations. The study

underscores the significance of strategic leaders who articulate compelling visions, engage stakeholders collaboratively, and cultivate a culture of continuous improvement in teaching and learning. Furthermore, the examination of instructional leadership practices reveals the profound impact of leaders who prioritize activities directly influencing teaching and learning, aligning with broader educational leadership literature. Analyzing successful case studies, including the New Zealand Literacy Strategy and Singapore's numeracy education initiatives, provides practical insights into effective reform approaches, emphasizing the importance of comprehensive planning, targeted interventions, and systemic commitment to improvement. However, the study acknowledges challenges in the reform landscape, notably resistance to change and the impact of standardized testing. These challenges underscore the complex nature of strategic leadership, necessitating a delicate balance between innovation and stability. The findings offer valuable guidance for educational leaders, policymakers, and practitioners seeking to navigate the intricacies of literacy and numeracy reform for the continuous improvement of educational outcomes.

*Keywords:* Strategic leadership, Educational reform, Literacy initiatives, Numeracy initiatives, Instructional leadership practices

#### Introduction

In the contemporary landscape of education, large-scale reform initiatives have become imperative to address the evolving needs of students and to ensure the continuous improvement of educational systems. One such critical area of focus is literacy and numeracy, foundational skills that lay the groundwork for academic success and lifelong learning. As nations strive to enhance their educational outcomes and global competitiveness, strategic leadership emerges as a pivotal factor in the successful implementation of large-scale reforms in literacy and numeracy (Reyes, 2023).

Strategic leadership, characterized by visionary planning, effective decision-making, and adept management of resources, plays a central role in navigating the complexities associated with educational reform (Schleicher, 2012). The success of literacy and numeracy strategies hinges not only on the development of comprehensive plans but also on the ability of leaders to mobilize stakeholders, foster collaboration, and adapt to dynamic educational environments.

As previous research has underscored, the significance of leadership in educational reform cannot be overstated. Fullan (2007) argued that successful leaders are not only adept at crafting visionary goals but also skilled in orchestrating the collaborative efforts of diverse stakeholders. Additionally, Robinson, Hohepa, and Lloyd (2009) emphasized the importance of leadership practices that prioritize instructional improvement, as opposed to merely managing administrative tasks. These insights highlight the multifaceted nature of leadership in the realm of educational reform and provide a foundation for understanding the specific challenges and opportunities associated with literacy and numeracy initiatives.

While there exists a rich body of literature on educational leadership and reform, a focused exploration of strategic leadership in the context of literacy and numeracy strategy is warranted. By examining successful cases and identifying common challenges, this study seeks to contribute

to the existing knowledge base and provide practical insights for educators, policymakers, and leaders involved in shaping the future of literacy and numeracy education.

## **Literature Review**

The field of education is continually evolving, marked by the persistent need for large-scale reform initiatives to address emerging challenges and enhance student outcomes. This literature review delves into the key themes surrounding strategic leadership in the context of large-scale reforms, with a specific focus on literacy and numeracy initiatives. Drawing on seminal works and recent research, this review provides a comprehensive overview of the theoretical foundations, empirical studies, and critical insights that shape our understanding of strategic leadership in educational reform.

To comprehend the intricate dynamics of strategic leadership in education, it is essential to examine the theoretical frameworks that underpin this concept. Fullan's (2007) work on educational change and leadership provides a foundational perspective. According to Fullan, effective leaders in education go beyond traditional administrative roles and adopt a transformative approach, focusing on building a collaborative culture and fostering a shared vision for change. This resonates with the idea that strategic leadership involves not just top-down decision-making but also a commitment to engaging stakeholders and creating a collective sense of purpose.

Furthermore, Robinson et al. (2009) contribute to the theoretical understanding of educational leadership by introducing the concept of instructional leadership. They argue that successful leaders prioritize activities that directly impact teaching and learning, emphasizing the importance of aligning leadership practices with the core mission of education. This theoretical lens is particularly relevant to the study of literacy and numeracy reform, as it underscores the need for strategic leaders to focus on instructional improvement to enhance foundational skills.

# Strategic Leadership in the Context of Literacy and Numeracy

The literature on strategic leadership in the context of literacy and numeracy reform is gradually expanding, reflecting the increasing recognition of these foundational skills in shaping educational outcomes. As Berman and McLaughlin (1978) noted, literacy and numeracy skills serve as essential building blocks for academic success and are critical for individuals to navigate the complexities of the modern world. Therefore, strategic leadership in this domain involves crafting comprehensive plans that address the specific challenges associated with promoting literacy and numeracy on a large scale.

A seminal work by Leithwood et al. (2004) explored the impact of leadership on student achievement and highlighted the role of leaders in shaping the conditions for effective teaching and learning. While not specifically focused on literacy and numeracy, the findings underscore the broader importance of leadership practices that contribute to educational improvement. Translating these insights to the context of literacy and numeracy reform, strategic leaders must not only set ambitious goals but also create an environment conducive to the development of these foundational skills.

Examining case studies of successful literacy and numeracy strategies provides valuable insights into the practical application of strategic leadership principles. The New Zealand Literacy Strategy serves as a compelling example. This initiative, outlined in the report by the Ministry of Education (2005), involved a comprehensive and collaborative approach to improving literacy outcomes for students. The strategy emphasized professional development for teachers, targeted interventions for struggling learners, and a commitment to ongoing assessment and evaluation.

The success of the New Zealand Literacy Strategy can be attributed, in part, to strategic leadership practices that aligned with the theoretical frameworks discussed earlier. Leaders at various levels, from policymakers to school administrators, demonstrated a shared commitment to literacy improvement. The emphasis on professional development reflected the instructional leadership paradigm, acknowledging the pivotal role of teachers in fostering literacy skills.

Another noteworthy case study is Singapore's emphasis on numeracy education. In a comparative study by Leong (2013), Singapore's approach to teaching and learning mathematics was analyzed, revealing a multifaceted strategy that combined curriculum design, teacher professional development, and parental engagement. The strategic leadership in this case was characterized by a systemic and integrated approach, emphasizing the importance of aligning various components to achieve a common goal.

While successful cases provide valuable lessons, it is essential to recognize the challenges associated with strategic leadership in literacy and numeracy reform. A common challenge is the resistance to change, as highlighted by Hargreaves and Fink (2006). They argue that successful leaders must navigate the delicate balance between maintaining stability and driving innovation, acknowledging that change can be met with resistance from various stakeholders.

Moreover, the role of standardized testing in education poses challenges to literacy and numeracy reform. As asserted by Darling-Hammond (2004), an overemphasis on high-stakes testing can undermine the broader goals of education and lead to a narrow focus on testable skills. Strategic leaders must navigate the tension between accountability measures and the holistic development of literacy and numeracy skills.

The literature on strategic leadership for large-scale reform in literacy and numeracy underscores the importance of visionary leadership, instructional improvement, and collaborative efforts. Drawing on theoretical frameworks and case studies, this review provides a comprehensive understanding of the challenges and opportunities associated with strategic leadership in the context of foundational skills. By integrating these insights, educational leaders, policymakers, and practitioners can enhance their strategic approaches to literacy and numeracy reform, ultimately contributing to improved educational outcomes for all students.

# Methodology

The methodology adopted for this study sought to conduct a comprehensive examination and synthesis of the existing literature pertaining to strategic leadership in large-scale reform, specifically within the domain of literacy and numeracy initiatives. The research design employed

a scope literature review methodology, encompassing the systematic identification, selection, and analysis of relevant literature to achieve a comprehensive understanding of the subject matter.

In the first phase, the identification of relevant literature involved a systematic search across electronic databases, scholarly journals, and academic repositories. The search aimed to include peer-reviewed articles, books, reports, and other publications related to strategic leadership in educational reform, with a specific focus on literacy and numeracy. The choice of keywords and search terms, including variations such as "strategic leadership," "educational reform," "literacy," and "numeracy," ensured a thorough exploration of the targeted topic.

Following the identification phase, inclusion and exclusion criteria were established. The inclusion criteria were designed to select literature directly addressing strategic leadership within the context of large-scale literacy and numeracy reform. Priority was given to works published in peer-reviewed journals and reputable academic sources. Exclusion criteria were applied to filter out literature unrelated to education, leadership in other contexts, or those lacking empirical or theoretical relevance.

Subsequently, the identified literature underwent a systematic screening process. Duplicates were removed, and titles and abstracts were reviewed to determine alignment with the research objectives. Full-text articles meeting the inclusion criteria were obtained and further assessed for methodological rigor and relevance to the study's focus on strategic leadership in literacy and numeracy reform.

For data analysis, a thematic analysis approach was employed to categorize and synthesize key themes, theoretical frameworks, and findings across the selected literature. This involved extracting relevant data from each source and organizing it based on commonalities and patterns. The analysis encompassed the theoretical foundations of strategic leadership, case studies detailing successful literacy and numeracy strategies, challenges faced in educational reform, and recommendations for enhancing strategic leadership practices.

The final phase of the methodology centered on synthesizing the findings from the analyzed literature. This involved constructing a cohesive narrative to elucidate the current state of knowledge on strategic leadership for large-scale literacy and numeracy reform. The synthesis process facilitated the identification of gaps in the existing literature, overarching trends, and emerging insights, contributing to the formulation of a comprehensive and informed literature review.

# **Findings and Discussion**

# Strategic Leadership as a Catalyst for Educational Reform:

The literature review consistently underscores the critical significance of strategic leadership as a catalyst for successful large-scale educational reform initiatives, with a focus on literacy and numeracy. This theme resonates throughout various scholarly works, emphasizing the indispensable role that strategic leaders play in steering educational transformations. One of the key findings is the acknowledgment of effective leaders within the realm of literacy and numeracy reform. Scholars such as Leithwood et al. (2004) have emphasized the importance of leaders who

possess the ability to articulate a compelling vision. This ability not only sets a clear direction for reform but also inspires and motivates stakeholders toward a shared educational mission.

Moreover, the literature points to the collaborative engagement of stakeholders as a defining characteristic of strategic leadership in successful educational reform. Hargreaves and Fink (2006) highlight the significance of leaders who foster a culture of collaboration, recognizing that the involvement of various stakeholders, including educators, parents, and community members, is instrumental in achieving meaningful and sustainable reform. This collaborative approach ensures that diverse perspectives are considered, and collective efforts are directed toward common educational goals.

In addition to visionary leadership and stakeholder engagement, the literature underscores the role of strategic leaders in cultivating an organizational culture that supports continuous improvement in teaching and learning. This finding aligns with the work of Fullan (2007), who argues that effective leaders go beyond traditional administrative roles to establish a culture of innovation and improvement. Leaders who prioritize and foster such a culture create an environment conducive to the ongoing enhancement of educational practices, particularly in the critical domains of literacy and numeracy (Kilag, et al., 2023).

The literature consistently emphasizes the centrality of strategic leadership in driving successful large-scale educational reform, specifically in the domains of literacy and numeracy. The ability of leaders to articulate a compelling vision, engage stakeholders collaboratively, and foster a culture of continuous improvement emerges as pivotal elements contributing to the success of educational reform initiatives. These insights not only provide a foundation for understanding the key attributes of effective leadership in literacy and numeracy reform but also offer practical guidance for educational policymakers, administrators, and leaders seeking to navigate the complexities of large-scale educational transformations.

# **Instructional Leadership Practices:**

This study underscores the critical importance of instructional leadership practices in the context of literacy and numeracy reform. Examining successful leaders within this domain reveals a consistent emphasis on prioritizing activities that directly influence teaching and learning. The study aligns with broader literature on effective educational leadership, emphasizing the profound impact of leadership on student achievement. Scholars such as Robinson et al. (2009) have extensively discussed the concept of instructional leadership, emphasizing that effective leaders prioritize actions that directly contribute to improved teaching and learning outcomes. This includes providing support and resources for professional development, fostering a culture of collaboration, and implementing evidence-based instructional strategies.

A key finding is the recognition of the pivotal role that educators play in shaping foundational skills. The study draws attention to leaders who actively engage in instructional practices that directly contribute to the development of literacy and numeracy skills among students. This aligns with the work of Leithwood et al. (2004), who argue that instructional leadership involves not only setting a vision but also actively participating in and supporting activities that enhance the quality of teaching and learning in the classroom.

The emphasis on instructional leadership practices signifies a shift from traditional administrative roles to a more hands-on, participatory approach. Leaders who prioritize instructional practices recognize that real change occurs at the classroom level and that educators are key agents in the success of literacy and numeracy initiatives (Kilag, et al., 2023). This finding provides valuable insights for educational leaders, policymakers, and administrators, emphasizing the need to foster instructional leadership capabilities among those responsible for driving reform efforts. By doing so, leaders can create a more direct and meaningful impact on the foundational skills of students, contributing to the overall success of literacy and numeracy reform initiatives.

# **Case Studies of Success:**

The examination of successful case studies, including the New Zealand Literacy Strategy and Singapore's numeracy education initiatives, illuminates crucial insights into effective approaches to literacy and numeracy reform. These case studies serve as exemplars, demonstrating that positive outcomes are achieved through a combination of comprehensive planning, targeted interventions, and a systemic commitment to improvement. The success of these initiatives can be attributed to strategic leaders who adeptly navigated challenges, showcasing the practical application of strategic leadership principles (Kilag, et al., 2023).

The New Zealand Literacy Strategy stands out as a compelling case study, offering valuable lessons for literacy reform. Analyzing this initiative, as outlined in the report by the Ministry of Education (2005), reveals a multifaceted approach characterized by comprehensive planning. Leaders in New Zealand recognized the importance of designing a strategy that addressed the specific challenges associated with literacy improvement. This aligns with the literature on educational reform, emphasizing the need for strategic leaders to craft plans that are tailored to the unique needs of their educational context (Fullan, 2007).

Similarly, Singapore's numeracy education initiatives present a noteworthy case study that provides insights into successful reform practices. Noor and Leong's comparative study (2013) sheds light on Singapore's approach, emphasizing a combination of targeted interventions and a systemic commitment to improvement. Strategic leaders in Singapore recognized the necessity of interventions that were specifically designed to enhance numeracy skills. This targeted approach is in line with the broader literature on strategic leadership, emphasizing the importance of addressing specific challenges with tailored solutions (Robinson et al., 2009).

These case studies collectively highlight the practical application of strategic leadership principles in navigating the complexities of literacy and numeracy reform. Leaders in both New Zealand and Singapore showcased the effectiveness of comprehensive planning, targeted interventions, and a commitment to systemic improvement. By drawing on these successful cases, educational leaders and policymakers can gain valuable insights into the nuanced strategies that contribute to positive outcomes in literacy and numeracy initiatives, thereby informing and enhancing their own reform efforts.

# **Challenges in the Reform Landscape:**

This study brings attention to the prevalent challenges associated with strategic leadership in the realm of literacy and numeracy reform. Through a comprehensive analysis, common obstacles were identified, providing insights into the intricate dynamics that leaders must navigate. One

prominent challenge is the recurring theme of resistance to change, underscoring the delicate equilibrium leaders must maintain between preserving stability and driving innovation. The significance of addressing resistance to change aligns with the work of Hargreaves and Fink (2006), who emphasize the need for leaders to adeptly manage the complexities of introducing reforms without creating undue disruptions in the educational landscape.

Furthermore, the study shed light on the influence of standardized testing as a substantial challenge in the reform landscape. The omnipresence of standardized tests poses the risk of narrowing the focus of educational efforts, potentially compromising the holistic development of literacy and numeracy skills. Darling-Hammond (2004) has extensively discussed the limitations of high-stakes testing, noting its tendency to create a narrow curriculum that may not adequately address the multifaceted nature of foundational skills. This challenge emphasizes the nuanced role strategic leaders play in balancing the demand for accountability with the broader goal of providing a comprehensive education.

The identified challenges underscore the complexity of strategic leadership in literacy and numeracy reform, emphasizing the need for leaders to navigate multifaceted landscapes. Effectively addressing resistance to change requires leaders to implement strategies that foster a culture of collaboration and communication, facilitating a smoother transition toward reform initiatives (Kilag, et al., 2023). Simultaneously, grappling with the influence of standardized testing necessitates a strategic approach that balances assessment requirements with a broader commitment to nurturing the holistic development of literacy and numeracy skills.

The study highlights the common challenges associated with strategic leadership in literacy and numeracy reform, emphasizing the need for leaders to navigate resistance to change and address the potential constraints imposed by standardized testing. By acknowledging these challenges, educational leaders can develop more informed strategies that effectively balance the demands of accountability with the broader goals of comprehensive educational reform.

# **Conclusion**

This study has provided a comprehensive exploration of strategic leadership in the context of large-scale reform, focusing specifically on literacy and numeracy initiatives. Through a thorough literature review and analysis of key findings, several critical insights have emerged, contributing to our understanding of the nuanced role of leadership in educational transformation.

The consistent theme across the literature underscores the pivotal role of strategic leadership as a catalyst for successful large-scale educational reform. Visionary leaders who can articulate compelling goals, engage stakeholders collaboratively, and foster a culture of continuous improvement play a crucial role in driving positive outcomes in literacy and numeracy initiatives. This finding aligns with Fullan's (2007) emphasis on transformative leadership and Robinson et al.'s (2009) focus on instructional leadership practices.

Additionally, the study highlights the significance of instructional leadership practices, emphasizing the profound impact of leaders who prioritize activities directly influencing teaching and learning. The recognition of educators' crucial role in shaping foundational skills aligns with

the broader literature on effective educational leadership, emphasizing its impact on student achievement (Leithwood et al., 2004).

Analyzing successful case studies, such as the New Zealand Literacy Strategy and Singapore's numeracy education initiatives, has provided valuable insights into effective approaches to literacy and numeracy reform. These cases demonstrate that a combination of comprehensive planning, targeted interventions, and a systemic commitment to improvement contributes to positive outcomes. The practical application of strategic leadership principles in these cases serves as a source of inspiration for leaders seeking to navigate the complexities of educational reform.

However, the study also acknowledges the challenges inherent in the reform landscape. Resistance to change and the influence of standardized testing emerged as common hurdles that leaders must adeptly navigate. Understanding these challenges is crucial for leaders to develop informed strategies that balance the demands of accountability with the broader goals of comprehensive educational reform.

In moving forward, educational leaders, policymakers, and practitioners can draw upon the insights gleaned from this study to inform and enhance their strategic approaches to literacy and numeracy reform. By recognizing the multifaceted nature of leadership, addressing challenges proactively, and learning from successful case studies, leaders can contribute to the continuous improvement of educational outcomes and the development of foundational skills crucial for students' academic success and lifelong learning.

# References

Abendan, C. F., Kilag, O. K., Uy, F., & Vestal, P. (2023). Transforming Learning in the Digital Age: The Confluence of Innovation and Education. *Excellencia: International Multi-disciplinary Journal of Education (2994-9521)*, *I*(5), 1-13.

Berman, P., & McLaughlin, M. W. (1978). *Implementing and sustaining innovations* (Vol. 8). Santa Monica, CA: Rand.

Darling-Hammond, L. (2004). From "Separate but Equal" to "No Child Left Behind": T sion of new standards and old inequalities.

Fullan, M. (2007). Change theory as a force for school improvement. In *Intelligent leadership:* Constructs for thinking education leaders (pp. 27-39). Dordrecht: Springer Netherlands.

Groenewald, E., Kilag, O. K., Unabia, R., Manubag, M., Zamora, M., & Repuela, D. (2023). The Dynamics of Problem-Based Learning: A Study on its Impact on Social Science Learning Outcomes and Student Interest. *Excellencia: International Multi-disciplinary Journal of Education* (2994-9521), 1(6), 303-313.

Hargreaves, A., & Fink, D. (2012). Sustainable leadership. John Wiley & Sons.

- Kilag, O. K. T., & Sasan, J. M. (2023). Unpacking the Role of Instructional Leadership in Teacher Professional Development. *Advanced Qualitative Research*, *1*(1), 63-73.
- Kilag, O. K. T., Tiongzon, B. D., Paragoso, S. D., Ompad, E. A., Bibon, M. B., Alvez, G. G. T., & Sasan, J. M. (2023). HIGH COMMITMENT WORK SYSTEM AND DISTRIBUTIVE LEADERSHIP ON EMPLOYEE PRODUCTIVE BEHAVIOR. *Gospodarka i Innowacje.*, *36*, 389-409.
- Kilag, O. K., Lisao, C., Lastimoso, J., Villa, F. L., & Miñoza, C. A. (2023). Bildung-Oriented Science Education: A Critical Review of Different Visions of Scientific Literacy. *Excellencia: International Multi-disciplinary Journal of Education* (2994-9521), 1(4), 115-127.
- Kilag, O. K. T., Jimenez, J. R., Diano Jr, F. M., Balicoco, J. R. M., Echavez Jr, A. M., & Labasano, A. S. C. (2023). Developing K-2 Filipino children English language oral proficiency through concrete poetry teaching. *Science and Education*, *4*(2), 886-895.
- Kilag, O. K., Quezon, J., Pansacala, J. A., Suba-an, J., Kilag, F., & Esdrelon, K. G. (2023). Advancing Reading Skills: State-of-the-Art Remediation Strategies. *Excellencia: International Multi-disciplinary Journal of Education* (2994-9521), *I*(1), 15-29.
- Lumando, E., Uy, F., Kilag, O. K., & Abendan, C. F. (2023). Multisensory Structured Language Techniques: A Key to Bridging the Literacy Practice Gap in Intervention Strategies. *Excellencia: International Multi-disciplinary Journal of Education* (2994-9521), 1(5), 256-267.
- Leithwood\*, K., Jantzi, D., Earl, L., Watson, N., Levin, B., & Fullan, M. (2004). Strategic leadership for large-scale reform: the case of England's national literacy and numeracy strategy. *School Leadership & Management*, 24(1), 57-79.
- Leong, K. E. (2013). Impact of Geometer's Sketchpad on Students Achievement in Graph Functions. Leong, KE (2013). Impact Of Geometer's Sketchpad On Students Achievement In Graph Functions. Malaysian Online Journal of Educational Technology, 1(2), 19-33.
- Ministry of Education. (2005). The schooling strategy 2005–2010.
- Noor, N. M., & Leong, C. H. (2013). Multiculturalism in Malaysia and Singapore: contesting models. *International Journal of Intercultural Relations*, *37*(6), 714-726.
- Ondog, J., & Kilag, O. K. (2023). A Constructivist Framework for Early Grade Numeracy: Drawing on Jean Piaget's Cognitive Development Theory. *Excellencia: International Multi-disciplinary Journal of Education* (2994-9521), 1(4), 308-320.
- Robinson, V. M., Hohepa, M., & Lloyd, C. (2007). *School leadership and student outcomes: Identifying what works and why* (Vol. 41, pp. 1-27). Winmalee: Australian Council for Educational Leaders.

Robinson, V., Hohepa, M., & Lloyd, C. (2009). School leadership and student outcomes: Identifying what works and why. Best Evidence Synthesis Iteration [BES]. Wellington, New Zealand: Ministry of Education.

Reyes, V. C. (2023). What is most important in education reform? The impact of leadership, innovation and partnerships. *International Journal of Leadership in Education*, 1-18.

Schleicher, A. (2012). Preparing teachers and developing school leaders for the 21st century: Lessons from around the world. OECD Publishing. 2, rue Andre Pascal, F-75775 Paris Cedex 16, France.

Valle, J., Kilag, O. K., Villanueva, G., Escabas, F., Macapobre, H., & Poloyapoy, H. (2023). The Influence of Phonological Awareness and Rapid Automatized Naming on Early Numeracy. *Excellencia: International Multi-disciplinary Journal of Education (2994-9521)*, *1*(5), 42-54.