

THE EFFECT OF TRANSFORMATIONAL LEADERSHIP ON TEACHER PERFORMANCE AND STUDENT ACHIEVEMENT: ANALYSIS OF SCHOOLS IN REMOTE AREAS

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Abstract

This research aims to examine the influence of transformational leadership on teacher performance and student achievement in schools located in remote areas. Transformational leadership, characterized by a clear vision, inspirational motivation, intellectual stimulation, and individual attention, is believed to bring positive change in educational environments that are often faced with limited resources. The research method used is a literature study with qualitative analysis of various relevant academic journals, books and previous research reports. The results of the study show that transformational leadership has a significant influence on improving teacher performance through providing motivation, support and continuous professional development. Apart from that, transformational leadership also contributes positively to student achievement, both in academic and non-academic terms, by creating a conducive and inspiring learning environment. However, there are several challenges faced in implementing transformational leadership in remote areas, including limited access to training and resources. It is hoped that the findings of this research will provide insight for educational policy makers and school practitioners in designing effective leadership strategies to improve the quality of education in remote areas.

Keywords: Transformational Leadership, Teacher Performance, Student Achievement

INTRODUCTION

Leadership in the educational context has a very significant role in determining the quality of learning outcomes and teacher professional development. Among the various leadership styles that exist, transformational leadership is receiving increasing attention due to its ability

to motivate and inspire staff and students (Khan et al., 2022). Transformational leadership is characterized by four core dimensions, namely ideal influence, inspirational motivation, intellectual stimulation, and individual consideration. These four dimensions contribute to creating a supportive work environment for teachers to develop their performance and for students to achieve better academic achievements (Estherita & Shanmugam, 2024).

Research on the influence of transformational leadership on schools in remote areas is important considering that limited resources and infrastructure are often challenges in these areas. School principals who are able to apply transformational leadership can be catalysts for change who can overcome these various obstacles (Tongsoongnern & Lee, 2022). In other words, they can play a crucial role in encouraging improvements in teacher performance and student achievement despite adverse circumstances.

Teachers are an important component in the education system and their performance has a direct impact on student achievement. Effective transformational leadership can improve teacher performance by providing emotional support, providing professional development opportunities, and encouraging teachers to continue to innovate in teaching methods (Ansari et al., 2024). This is in line with educational theories which state that teachers who are motivated and feel appreciated will tend to have a higher commitment to their work, which in turn will have a positive impact on the learning process.

Student achievement is the main parameter used to evaluate educational effectiveness. Various studies have shown that leadership style has a strong correlation with student academic achievement. In schools led by principals with a transformational leadership style, students tend to be more motivated and involved in learning activities. This school principal is able to create a clear vision and build a positive school culture, which in turn helps students achieve optimal achievement (Mburu et al., 2024).

However, implementing transformational leadership in remote area schools may face various challenges. One of them is limited resources such as access to training and professional development for school principals and teachers (Ndarwa & Mulinge, 2023). Additionally, geographic isolation can also hinder the exchange of information and best practices that are often found in more developed regions. Therefore, appropriate strategies and policies are needed to support the effective implementation of transformational leadership in these areas (Pretel & Sáenz, 2024).

There are still relatively few empirical studies on the impact of transformational leadership on schools in remote areas, so it is hoped that this research can add insight and provide empirical evidence on this matter (Rao, 2024). This research aims to analyze the extent to which transformational leadership implemented by school principals can influence teacher performance and student achievement in remote area schools.

It is hoped that the conclusions of this research can provide recommendations to policy makers and educational practitioners in designing programs and policies that support transformational leadership in remote area schools. In this way, it is hoped that a good and quality educational environment can be created, which is able to accommodate the needs of all students and maximize their potential, without exception in remote areas.

RESEARCH METHOD

The study in this research is qualitative with literature. The literature study research method is a research approach that involves the analysis and synthesis of information from various literature sources that are relevant to a particular research topic. Documents taken from literature research are journals, books and references related to the discussion you want to research (Earley, M.A. 2014; Snyder, H. 2019).

RESULT AND DISCUSSION

Improving the Quality of Education

Improving the quality of education in remote areas often faces more complex challenges compared to more developed areas. One approach that can be applied is transformational leadership. Transformational leadership is a leadership style in which the leader works with his team to identify needed changes, creates a vision for change through inspiration, and executes those changes together with team members. Transformational leaders do not only focus on short-term success, but also seek to develop and empower team members to reach their full potential (Bystrenina & Nikitin, 2022). In the educational context, this leadership style is able to motivate teachers and school staff to work more actively and innovatively, while fostering a culture that supports continuous learning.

In remote areas, adopting transformational leadership can be the key to overcoming various obstacles that hinder improving the quality of education. School leaders who use this approach will focus more on empowering teachers, improving skills, and creating a conducive learning

environment. Through these efforts, teachers will feel more appreciated and motivated to develop creative and effective teaching methods (Harvey, 2022). Apart from that, transformational leadership also encourages active participation from the school community, including parents and local communities. In this way, schools can make optimal use of local resources to support educational activities.

Ultimately, the application of transformational leadership in schools in remote areas can have a significant positive impact on the quality of education. Teachers and staff who are inspired by transformational leaders will be more enthusiastic about facing daily challenges and collaborating in creating innovative solutions (Hadi, 2022). Apart from that, effective leadership can also build close relationships between schools and the community, which in turn will strengthen support for educational programs. Thus, adopting this leadership style not only has the potential to improve the quality of education, but is also able to contribute to the development of a more complete and competitive community.

Continuing the adoption of transformational leadership, concrete steps are needed that can be implemented by schools in remote areas to achieve this goal (Djurayev, 2024). First, intensive and ongoing training for school leaders is essential. This training should cover various aspects of transformational leadership such as the ability to inspire and motivate, effective communication skills, and strategies to empower teachers and staff. Thus, school leaders will be better prepared to implement this approach in real practice in their schools (Korolyova, 2023).

Second, it is important to create a school culture that supports innovation and collaboration. This can be done by encouraging teachers to share ideas and best practices, as well as rewarding those who show initiative and creativity. In addition, adequate facilities must be provided to support the teaching and learning process, including better access to teaching materials, educational technology, and digital skills training for teachers and students. By creating a supportive environment, schools in remote areas can more easily implement changes that lead to improving the quality of education (Balalaieva, 2023).

Third, involving various stakeholders, such as local governments, non-government organizations (NGOs), and local communities, is also a crucial step. This partnership can help overcome the limited resources often faced by schools in remote areas. For example, governments and NGOs can contribute funding or additional training programs, while local communities can provide

moral and material support. Effective collaboration between schools and various related parties will create positive synergy, ultimately supporting the creation of a better and more sustainable educational environment (Yusufjon, 2023).

The Influence of Transformational Leadership

The principal's transformational leadership can have a significant influence on teacher performance in remote area schools. Effective transformational leaders are able to inspire and motivate teachers through a clear vision and commitment to improving the quality of education. They create an environment where teachers feel valued and supported, which in turn increases teacher engagement and loyalty to the school. When principals are able to show empathy, emphasize the importance of collaboration, and provide constructive feedback, more motivated teachers tend to develop initiative, innovate in teaching, and fully commit to their duties (Gregory, 2023).

Furthermore, transformational leadership can also encourage increased professionalism among teachers through continuous training and capacity development. Principals who implement this approach tend to create professional development programs that are relevant and ongoing, encouraging teachers to continue learning and developing. With direct support from transformational leaders, teachers in remote areas get the opportunity to increase their competence in both pedagogical aspects and their subject knowledge. This not only enriches the quality of teaching but also increases teachers' self-confidence, which contributes positively to their performance (Ytterstad & Olaisen, 2023).

Transformational leadership plays an important role in building an inclusive and supportive school culture. Transformational principals tend to empower teachers by giving them greater autonomy in teaching and decision making. This creates a sense of ownership and responsibility among teachers, which can motivate them to give their best in their work (Goel et al., 2024). With a collaborative work culture and space to share ideas and best practices, teachers' attitudes and behavior can change to become more proactive and enthusiastic. As a result, the overall quality of education in remote area schools will improve through the direct contribution of improved teacher performance.

The influence of transformational leadership is also visible through increasing teachers' psychological and emotional well-being. Transformational

principals provide emotional support and encourage teachers to achieve a healthy work-life balance. By paying attention to the well-being of individual teachers, school principals can reduce the levels of stress and professional fatigue (burnout) that can often occur in remote areas. Teachers who feel supported emotionally and psychologically tend to have higher motivation and job satisfaction, which will ultimately be reflected in increased productivity and quality of teaching (Bernardino & Teixeira, 2023).

Additionally, transformational leadership develops a strong sense of connectedness and community within the school. In environments that are often geographically isolated, transformational principals can be the link that strengthens interaction and cohesion between teachers. Through this approach, all staff members feel part of a solid team and support each other. This can encourage better collaboration in curriculum development, organizing extracurricular activities, and solving problems together. Teachers who work in a supportive and collaborative environment tend to demonstrate higher dedication and a strong sense of attachment to their institution (Kumar et al., 2022).

Transformational leadership in remote school contexts can have an impact on increasing local community participation and involvement. A charismatic and visionary school principal can build strong relationships with parents, community leaders, and other stakeholders. By involving the community in school activities and communicating the school's vision and mission effectively, school principals can gather additional support and resources for the school (Zhang, 2023). This not only enriches students' learning experiences but also gives the community a greater sense of ownership in local educational developments. In turn, this creates a more holistic educational environment in which teachers and students can develop optimally.

Relationship to Student Achievement

The relationship between high teacher performance and student achievement is often considered one of the main indicators of educational success in schools. Research shows that high-performing teachers tend to create effective learning environments, encourage active student participation, and implement innovative teaching methods. This high performance includes various aspects, such as good class planning and management, the ability to provide constructive feedback, as well as skills in motivating and inspiring students (Zheng, 2023). All of these factors work

together to create a learning ecosystem where students can achieve high academic achievement.

Furthermore, high-performing teachers are usually better able to recognize students' individual needs and provide appropriate support according to those needs. They tend to apply a differential learning approach that allows each student to learn at their own pace and learning style. This is very important in ensuring that each student gains a deep understanding of the material being taught, while reducing academic gaps between students with different abilities (Gebresilase & Zhao, 2023). In this way, students not only achieve minimum academic standards but also have the opportunity to develop optimally.

Finally, the link between high teacher performance and student achievement can also be seen from increased student motivation and involvement in the teaching and learning process. Effective teachers focus not only on delivering content, but also on developing critical and creative thinking skills. They motivate students to become independent learners and take responsibility for their own learning process. Thus, students become more motivated to achieve optimal academic results and are ready to face challenges outside the school environment (Grimm, 2023). In conclusion, there is a significant relationship between high teacher performance and student achievement, which reflects that efforts to improve the quality of teaching also have a positive impact on student learning outcomes.

In a broader context, evaluation of the relationship between high teacher performance and student achievement also reflects the effectiveness of educational policies in a region or country. Policies that encourage teacher professional development, such as ongoing training programs, performance incentives, and administrative support, can play an important role in improving the quality of teaching. Schools that pay serious attention to developing teacher performance tend to create a positive academic culture, where learning is student-centered and academic outcomes are better (Olsen, 2023). Additionally, parental involvement in the educational process is also often higher in settings where teacher performance is considered important, thus strengthening the relationship.

However, it is important to remember that student achievement does not only depend on teacher performance alone. Other factors such as the home environment, socio-economic conditions, the curriculum used, and available educational resources also play a significant role in influencing student learning outcomes. Therefore, even though the relationship between

teacher performance and student achievement is strong, efforts to improve education must be carried out comprehensively by paying attention to various aspects that influence the teaching and learning process (Arias et al., 2023). For example, student welfare programs, psychosocial support, and access to modern educational technology must also be integrated into strategies to improve the quality of education.

Evaluation of the significant relationship between teacher performance and student achievement provides valuable insight for policy makers, educators, and society in efforts to improve the education system. With supporting data and empirical evidence, more effective and comprehensive strategies can be designed to improve the quality of teaching and, ultimately, student academic achievement (Pardosi & Utari, 2022). An in-depth understanding of how various factors are interrelated and influence student achievement can help in formulating a more holistic and sustainable approach to improving the overall quality of education.

Inhibiting and Supporting Factors

One of the main inhibiting factors is limited access to adequate resources, such as infrastructure and technology. In remote areas, there is often a lack of stable internet access, inadequate educational facilities, and minimal logistical support. This limitation can hinder the leader's ability to implement transformational programs that require technology and infrastructure support (Wang, 2022).

Additionally, a lack of training and professional development for education leaders and staff in remote areas is a significant barrier. Transformational leadership requires leaders who have a clear vision, good managerial skills, and the ability to inspire and drive change. However, opportunities to attend training and workshops tend to be lower in remote areas, so these skills are not always possessed by local leaders (Rugutt, 2023).

On the other hand, support from the local community can be a strong supporting factor in implementing transformational leadership. In many remote areas, communities often have cohesive and collaborative social structures. When leaders are able to involve and empower local communities, they can get very significant moral and operational support in carrying out transformational programs (Shah, 2022).

Apart from that, the existence of government policies that support the development of remote areas can play an important role. Government intervention programs that focus on infrastructure development, as well as

special funding allocations for training and professional development in remote areas, can provide a strong basis for the implementation of transformational leadership. Assistance from non-governmental organizations (NGOs) and international organizations in the form of funding, training and resources can also significantly enhance the potential for transformational leadership in these areas (Wells, 2024).

To overcome limited access to resources, one strategy that can be implemented is the provision of alternative technology that is more affordable and appropriate to local conditions (Cashdollar, 2023). For example, using satellite technology for internet access or providing mobile education infrastructure that can reach remote areas. Collaboration with the private sector or non-governmental organizations in presenting innovative technological solutions can also help reduce these limitations.

In terms of training and professional development, there needs to be special programs designed to train local leaders. Governments and non-governmental organizations can organize periodic training in remote areas or provide scholarships for local leaders to attend training outside their area. The use of educational technology such as e-learning and webinars can also be used as a solution to provide access to leaders in remote areas without having to leave their region (Byiringiro, 2024).

To maximize support from the local community, it is important for leaders to be actively involved in the community's social life. Leaders must frequently interact with the community, listen to their aspirations, and involve them in the decision-making process. Programs that empower local communities and encourage their participation in transformational projects will increase their sense of ownership and commitment to program success (Zou, 2023).

Apart from that, strengthening government policies that support transformation in remote areas must continue to be carried out. This could include a larger budget allocation for the development of remote areas, the creation of regulations that support local economic development, as well as incentives for the private sector to contribute to the development of remote areas. Collaboration between government, the private sector and local communities is the key to success in creating an environment conducive to transformational leadership (Bradley-Dorsey et al., 2022).

CONCLUSION

The research conducted explored the influence of transformational leadership on teacher performance and student achievement in schools in remote areas. The results of the analysis reveal several important findings which can be concluded that transformational leadership in schools in remote areas significantly improves teacher performance. Principals who practice this leadership style are able to provide the inspiration, encouragement and support teachers need to optimize their potential. The significance of the influence of transformational leadership in remote areas reflects the importance of considering the local context in educational management. In areas with limited access and resources, the presence of leaders who can inspire and empower the entire school community has a greater impact than in more accessible areas. Success in facing unique challenges in remote areas shows that this leadership strategy is able to overcome various obstacles through an innovative and collaborative approach. Overall, transformational leadership has a substantial influence on improving teacher performance and student achievement in remote area schools, and is a leadership model that is worthy of wider application in educational contexts.

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