



Capacity Building as a Strategic Tool for Attainment of Quality Education in Public Schools in Nigeria

Dorcas Maxwell

Department of Educational Management

Faculty of Education

Ignatius Ajuru University of Education, Nigeria

maxwelldorcas252@gmail.com

Abstract

This paper discussed capacity building as a strategic tool for attainment of quality education in public schools in Nigeria. Capacity building is the process of developing and strengthening the skills, knowledge, resources, and capabilities of individuals, organizations, or communities to effectively achieve their goals and objectives. In Nigeria, the pursuit of quality education is not merely a goal but a necessity, an indispensable force that can unlock the nation's full potential. To address this challenge, the concept of capacity building emerges as a strategic tool of transformation. The paper emphasized that capacity building serve as a strategic tool for the attainment of quality education in public schools in Nigeria, which include: teacher training and development, infrastructure improvement, leadership training, curriculum enhancement, innovative teaching methods, access to educational resources, technology and digital adaptation, etc. also, identified the challenges confronting capacity building as a strategic tool for attainment of quality education, which are: inadequate funding, lack of teacher training and development, digital divide, lack of policy implementation and alignment, lack of equitable resource distribution, lack of community engagement, etc. The paper likewise provided strategies on overcoming the challenges which include: Increased Funding and Resource Allocation, Comprehensive Teacher Training Programs, Strategic Technological Integration, Effective Policy Implementation and Alignment, Equitable Resource Distribution Strategies, Community Engagement and Collaboration etc. It therefore concluded that, in the journey of attainment of quality education, capacity building is not just a tool; it's a transformative force that empowers teachers, inspires students, and uplifts communities. The paper made some outstanding suggestions that; Federal ministry of education should prioritize comprehensive and ongoing training for teachers, including professional development programs that enhance their pedagogical skills, content knowledge, and classroom management abilities. Also, School Administrators should establish effective monitoring and evaluation systems to track progress, identify challenges, and measure the impact of capacity building initiatives on educational outcomes.

Keywords: Capacity Building, Strategic, Tool, Attainment, Quality Education, Nigeria.

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INTRODUCTION

In the heart of Africa, Nigeria stands as a beacon of potential and progress. With its vibrant culture, diverse population, and abundant resources, the nation possesses all the ingredients for a bright and prosperous future. Yet, on the journey towards this future, one crucial challenge has persisted: the attainment of quality education. In Nigeria, the pursuit of quality education is not merely a goal but a necessity, an indispensable force that can unlock the nation's full potential. To address this challenge, the concept of capacity building emerges as a strategic tool of transformation. Capacity building, in the context of Nigeria's education landscape, represents a dynamic and forward-thinking approach to overcoming the multifaceted obstacles that have long hindered the delivery of quality education. It is the key that opens the door to a new era of educational excellence and, in turn, socio-economic growth (Okeke-Uzodike & Ezegbe, 2018).

This strategic tool, capacity building, is not a one-size-fits-all solution but a holistic and evolving process. It encompasses the enhancement of the knowledge, skills, infrastructure, and governance structures that underpin the entire education ecosystem. From teachers in classrooms to policymakers shaping the nation's educational vision, capacity building touches every aspect of the education sector. Nigeria's pursuit of quality education is a multifaceted and dynamic endeavor that requires a focused effort to enhance the capacity of the education system at all levels. By prioritizing teacher training, infrastructure development, curriculum alignment, equitable access, and sound governance, Nigeria can move closer to the objective of providing high-quality education that empowers its citizens and contributes to the nation's development and global competitiveness. Capacity building is the linchpin that can unlock this potential (Gilley, 2010).

CONCEPTUAL CLARIFICATION

Capacity Building

Capacity building is the process of developing and strengthening the skills, knowledge, resources, and capabilities of individuals, organizations, or communities to effectively achieve their goals and objectives. It involves activities aimed at enhancing an entity's ability to address challenges, improve performance, and adapt to changing circumstances. Capacity building is a dynamic, ongoing process that involves strengthening the ability of individuals and organizations to adapt, learn, and evolve in response to changing circumstances. Capacity building further refers to the process of developing the competence and capabilities of individuals, organizations, and systems to achieve their goals effectively. In addition, capacity building is the deliberate and systematic process of creating, strengthening, and maintaining the capabilities of organizations, groups, and individuals to set and achieve objectives.

Furthermore, capacity building is the process of empowering individuals, groups, and organizations to improve their performance, sustainability, and impact. Smyth (2022) stated that capacity building involves the development and expansion of the competencies, capabilities, and resources required for effective problem-solving and decision-making. The introduction of capacity building for the attainment of quality education in Nigeria is an essential and multifaceted endeavor that addresses systemic issues, human resources, infrastructure, and policies to improve the educational landscape (ILO, 2003). According to Ololube (2013) capacity building can encompass various elements, such as training, education, technical

assistance, and institutional development, to empower and enhance the capacity of the target entity. To Smyth (2022), capacity building involves various dimensions that encompass the development and strengthening of abilities, knowledge, and resources. These dimensions are crucial for enhancing the effectiveness and capabilities of individuals, organizations, and systems. Smyth further identified the dimensions of capacity building:

Individual Capacity: Focusing on the development of skills, knowledge, and competencies of individuals to improve their performance and adaptability in their roles.

Institutional Capacity: Enhancing the capacity of organizations, institutions, and systems to function efficiently, achieve their missions, and address challenges effectively.

Leadership and Management Capacity: Building the skills and capabilities of leaders and managers to guide and steer organizations or projects toward their goals.

Technical and Professional Capacity: Developing the technical expertise and specialized knowledge required for specific fields or tasks, such as in healthcare, engineering, or education.

Policy and Advocacy Capacity: Focusing on the ability to influence policies, advocate for change, and engage in public discourse to shape decisions and actions.

Community and Stakeholder Capacity: Empowering community members, stakeholders, and civil society to actively participate in decision-making, project planning, and community development.

Knowledge and Information Management Capacity: Developing processes and systems for creating, capturing, storing, disseminating, and applying knowledge and information effectively.

Monitoring and Evaluation Capacity: Establishing the capacity to assess, measure, and evaluate the progress and impact of initiatives, projects, or programs.

Resource Mobilization Capacity: Building the ability to secure and allocate resources, including funding, materials, and human resources, to support organizational objectives.

Sustainability Capacity: Focusing on strategies and mechanisms to ensure that improvements resulting from capacity building efforts are sustainable over the long term.

Technology and Innovation Capacity: Leveraging technology and innovative solutions to improve processes, communication, and outcomes within an organization or system.

Equity and Inclusion Capacity: Addressing disparities and promoting inclusivity by developing the capacity to provide equal access and opportunities for all, irrespective of background or status.

Networking and Collaboration Capacity: Building partnerships, alliances, and collaborative relationships with other organizations or entities to pool resources, share expertise, and achieve common goals.

Crisis and Risk Management Capacity: Developing the capacity to identify, mitigate, and respond to risks and crises effectively, ensuring organizational resilience.

Ethical and Values-Based Capacity: Incorporating ethical principles, values, and integrity into capacity building efforts to guide behavior and decision-making.

Quality Education

Quality education is a multifaceted concept. Quality education refers to an educational system and learning experience that meets high standards and effectively equips students with the knowledge, skills, and values necessary to lead fulfilling lives and contribute positively to

society. Nussbaum (2000) defined quality education as an education that provides the skills, knowledge, and values needed for personal and social development, including empathy, ethical responsibility, and cultural awareness. Ololube (2017) saw quality education as a process of learning, enabling individuals to realize their potential, enhance their capabilities, and lead a productive and fulfilling life. Lucas (2003) described quality education as an education that is characterized by the effective use of technology, modern teaching methods, and a strong focus on critical thinking and problem-solving. Rothman (2002) styled quality education as an education that prepares individuals for active citizenship, social engagement, and the ability to effect positive change in their communities.

Ajayi (2017) stated that quality education encompasses various factors, including accessible and relevant curriculum, qualified teachers, adequate resources, fair assessments, and a supportive learning environment that encourages critical thinking, creativity, and the development of practical life skills. Ajayi supplementary maintained that quality education is a multifaceted concept that encompasses various aspects of learning and teaching: access, curriculum, qualified teachers, infrastructure and resources, assessment, innovation, life skills, cultural sensitivity, continuous improvement and community involvement.

Capacity Building as a Strategic Tool for Attainment of Quality Education

Capacity building as a strategic tool for the attainment of quality education in public secondary schools in Nigeria explores how strengthening the abilities, resources, and infrastructure of individuals, organizations, and systems can lead to improved educational outcomes. Below are some dimensions on how capacity building can serve as a strategic tool for attainment of quality education in public secondary schools in Nigeria:

Teacher Training and Development

Teacher training and development are pivotal components of capacity building in the quest for achieving quality education. Darling-Hammond (2017) emphasized the critical role of teachers, stating that they are the most significant in-school factor influencing student achievement. Effective teacher training goes beyond mere information dissemination; it delves into pedagogical strategies, classroom management, and the cultivation of a growth mindset. The seminar work of Ingersoll (2017) reinforced the idea that well-prepared and continuously trained teachers are more likely to stay in the profession, positively impacting student outcomes over the long term. Research by Guskey (2000) advocated for continuous professional development as an essential methodology for teacher training. It posits that one-shot workshops are insufficient and that sustained, context-specific training is essential.

Fullan and Hargreaves (2016) echoed this sentiment, emphasizing the need for embedded professional development within the daily routines of teaching. Furthermore, Little (2008) suggests that effective teacher training should encompass a blend of collaborative learning experiences, reflective practices, and mentorship programs. On the use of technology in teacher training, Guskey and Yoon (2009) argued that incorporating digital tools can enhance the depth and reach of professional development, making it more accessible and adaptable. Capacity building involves continuous training and development for teachers, enhancing their skills and knowledge to deliver quality education. Invest in the training and professional development of

teachers to ensure they have the necessary skills and knowledge to provide quality education. Continuous training can help teachers stay updated with best practices in education.

Infrastructure Improvement

Infrastructure improvement plays a pivotal role in capacity building for the attainment of quality education. Several studies emphasize the significance of physical infrastructure, such as well-equipped classrooms, libraries, and laboratories, in creating a conducive learning environment. A research paper by Glickman et al. (2014) found that schools with better infrastructure tend to have higher student engagement and academic achievement. Technological infrastructure is increasingly recognized as a key component of educational capacity building. Research by Smith (2022) highlighted the positive impact of digital resources, such as smart classrooms and online learning platforms, on enhancing the quality of education and preparing students for the demands of the 21st century.

Furthermore, socio-economic factors are often intertwined with infrastructural development. A study conducted by Desimone et al. (2017) demonstrated that communities with improved infrastructure, including access to transportation and electricity, experience higher school attendance rates and reduced dropout rates. Capacity building includes investments in educational infrastructure, providing schools with the necessary resources to create a conducive learning environment. Upgrade school facilities, provide necessary learning materials, and ensure a conducive learning environment. Adequate infrastructure can greatly impact the quality of education.

Leadership Training

Scholarly literature on leadership training as a means of capacity building for the attainment of quality education reveals a substantial body of research emphasizing the pivotal role of effective leadership in educational settings. Hallinger and Murphy (2001) emphasized the correlation between strong school leadership and improved student outcomes. Leadership training programs as discussed by Leithwood and Jantzi (2009) are instrumental in developing the skills and competencies of educational leaders, including principals and administrators, leading to enhanced school performance. Moreover, the impact of leadership on shaping school culture and fostering a positive learning environment is a recurring theme. Ololube (2017) underscored the transformative potential of leadership in creating a vision for academic success and building a collaborative ethos among educators, students, and parents. Harris (2016) advocated for shared leadership responsibilities among various stakeholders, empowering teachers and fostering a collaborative decision-making process. Studies suggest that such distributed leadership models contribute to the overall capacity building within educational institutions. Developing leadership capacity among educators and administrators is vital for effective school management, fostering an environment conducive to quality education.

Curriculum Enhancement

Curriculum enhancement as a strategy for capacity building in the pursuit of quality education reveals a rich and evolving landscape. Scholars consistently emphasize the fundamental role that curriculum plays in shaping the educational experience and influencing student outcomes.

Research by Wiggins and McTighe (2005) underscores the importance of a well-designed curriculum that aligns with educational objectives, standards, and student needs. Curriculum enhancement, according to their findings, involves the intentional revision and enrichment of instructional materials to improve learning outcomes.

Moreover, the literature often highlights the significance of a learner-centered approach in curriculum development. The work of Dewey (1916) and Vygotsky (1978) as cited in Ololube (2006) explored the importance of tailoring curricula to students' interests, abilities, and socio-cultural contexts. This learner-centric perspective is seen as a catalyst for building the capacity of students to engage with and derive meaning from educational content. In the digital age, technology integration is a recurring theme in curriculum enhancement. Moreover, Fink (2013) argued that incorporating technology into the curriculum not only prepares students for the demands of the 21st century but also enhances their critical thinking and problem-solving skills. This aligns with the growing recognition that digital literacy is a crucial aspect of contemporary education (Ige et al., 2022). Capacity building supports the creation and improvement of curricula, ensuring they align with contemporary educational needs and standards (National Research Council, 2012). Review and update the curriculum to make it more relevant and responsive to the needs of students. Introduce modern teaching methods and technology into the curriculum

Innovative Teaching Methods

Innovative teaching methods as a capacity-building strategy for the attainment of quality education reveals a compelling narrative emphasizing the transformative potential of these methods in enhancing educational outcomes and building the capacities of both educators and learners. Hattie (2009) and Marzano (2007) highlighted the significance of innovative teaching methods, such as formative assessment and feedback, in positively impacting student achievement. These methods are seen not only as tools for gauging understanding but also as means to adapt instruction, fostering a dynamic learning environment that responds to individual student needs. Furthermore, the literature underscores the role of professional development in capacity building through innovative teaching.

Conversely, Darling-Hammond (2017) argued that effective teacher training programs, focusing on innovative pedagogies, empower educators to implement new approaches in the classroom. Continuous learning opportunities for teachers are crucial for sustaining the integration of innovative methods. Technology-enhanced teaching methods are a prominent theme. The works of Mishra and Koehler (2009) and Mayer (2014) emphasized the importance of technological integration in education. The use of educational technology not only enriches instructional content but also provides educators with tools to engage students and promote critical thinking, thereby contributing to capacity building. Inclusive teaching practices are also recognized as integral to innovative methods. Furthermore, research by Healey et al. (2014) highlighted the importance of differentiating instruction to accommodate diverse learning needs. Inclusive approaches contribute to building the capacity of educators to create adaptive learning environments that address the individual strengths and challenges of each student. Encouraging the adoption of innovative teaching methods through capacity building ensures that educators stay dynamic and adapt to evolving educational trends.

Access to Educational Resources

Access to educational resources as a capacity-building factor for the attainment of quality education underscores the crucial role that resource availability plays in shaping the learning environment and academic outcomes. Ololube (2017) emphasized that equitable access to educational resources is a fundamental principle for achieving quality education. This includes physical resources such as textbooks, libraries, and classrooms, as well as digital resources that encompass online materials and technological tools. The absence of these resources can hinder the development of foundational skills and knowledge. Study by Biggs and Tang (2011) discussed the concept of the "digital divide" and how uneven access to technology can exacerbate educational inequalities.

Conversely, Wegmann and Nozawa (2018) suggested that effective integration of digital resources can enhance student engagement and provide personalized learning experiences. The availability of well-maintained infrastructure, including schools, plays a critical role in ensuring access to quality education. Adequate physical spaces, as discussed by Desimone et al. (2017) contributed to a conducive learning environment, affecting both student performance and teacher effectiveness. Capacity building would ensure that public schools have access to textbooks, libraries, and technology to support effective teaching and learning.

Technology and Digital Adaptation

Technology and digital adaptation as capacity-building factors for the attainment of quality education presents a comprehensive exploration of the impact of technological integration on educational outcomes and institutional capacities. Research by Fullan (2016) emphasized the transformative potential of technology in education, noting its capacity to enhance teaching and learning practices. The concept of "EdTech capacity" is introduced, emphasizing not just the presence of technology but the ability of educators and institutions to leverage it effectively for improved outcomes. The integration of digital tools is explored in the work of Bower (2016), who emphasizes the importance of pedagogical beliefs and teacher attitudes in determining the success of technology integration. Who further maintained that a well-thought-out pedagogical framework, combined with teacher training, is essential for maximizing the benefits of technology in the classroom.

Furthermore, research by Keengwe et al. (2008) discussed how technology allows for individualized instruction, catering to diverse learning styles and paces. Adaptive learning platforms and educational software contribute to building the capacity of educators to tailor their teaching to the needs of each student. The impact of technology on collaborative learning is a recurring theme. Selwyn (2016) discussed the concept of computer-supported collaborative learning (CSCL), highlighting how technology can facilitate communication and collaboration among students. Digital tools, when integrated effectively, contribute to building students' teamwork and communication skills. Building technological capacity in schools allows for the integration of digital tools, enhancing teaching methods and providing students with up-to-date learning experiences. The integration of technology in education has become a vital aspect of capacity building.

Community Engagement

Community engagement as a capacity-building strategy for the attainment of quality education underscores the critical role of involving communities in the educational process to enhance learning outcomes and overall institutional effectiveness. Levin (2018) stressed the importance of a collaborative approach involving parents, families, and community members in the educational journey. The framework of "school-family-community partnerships" is introduced, highlighting the synergistic relationship between schools and the broader community in supporting student success.

Furthermore, Sandmann and Plater (2005) discussed how involving parents and community members in the educational process can positively influence student attitudes towards learning and improve overall academic performance. Research by Minkler and Wallerstein (2011) underlined the importance of collaborative leadership, where school leaders work in partnership with the community to make informed decisions that align with the needs and aspirations of the local context. This collaborative governance contributes to building the overall capacity of educational institutions. Capacity building involves engaging communities in educational initiatives, fostering collaboration between schools, parents, and local organizations to support and enhance the quality of education. Encourage active participation of parents, communities, and local leaders in the education system. Their involvement can help create a sense of ownership and accountability for the quality of education.

Equitable Distribution of Resources

Equitable distribution of resources as a capacity-building strategy for the attainment of quality education highlights the fundamental role that resource allocation plays in shaping educational opportunities and outcomes, with a focus on promoting fairness and inclusivity. Research by Baker (2016) emphasized that equitable distribution of resources is a cornerstone for achieving educational justice. The concept of resource equity encompasses various elements, including funding, qualified teachers, instructional materials, and access to advanced coursework. Achieving equity in these areas is seen as essential for narrowing achievement gaps and building the overall capacity of educational systems.

Studies by Hannum and Buchmann (2005) explored how variations in financial resources across schools contribute to disparities in educational quality. Equitable funding is considered crucial for ensuring that all students, regardless of their socio-economic background or geographic location, have access to high-quality educational opportunities. Teacher quality and distribution are also emphasized. Moreover, Darling-Hammond (2017) and Ololube (2017) debated how the distribution of effective teachers across schools can influence student achievement. Policies that address teacher recruitment, training, and retention in underserved areas are highlighted as capacity-building measures to ensure equitable access to quality educators. Capacity building would ensure that resources are distributed fairly among public schools, with a focus on addressing disparities between urban and rural areas.

Monitoring and Evaluation

Monitoring and evaluation as a capacity-building strategy for the attainment of quality education underscores the importance of systematic assessment and feedback mechanisms to enhance

educational outcomes and institutional effectiveness. Scriven, (2017) accentuated that monitoring and evaluation are integral components of educational quality assurance. The systematic collection and analysis of data allow educators and policymakers to assess the effectiveness of teaching methods, curriculum design, and overall educational strategies, contributing to ongoing improvement.

Moreover, Alkin and Christie (2004) discussed how evaluation processes can provide insights into the allocation and utilization of resources, teacher performance, and the overall effectiveness of educational policies. This accountability aspect contributes to building the capacity of educational systems to respond to challenges and improve outcomes. In the context of teacher professional development. Owen (2006) emphasized the importance of continuous evaluation to assess the impact of training programs. Effective monitoring and evaluation help identify areas of improvement, tailor professional development initiatives to specific needs, and build the capacity of educators to enhance their instructional practices. Establishing robust monitoring and evaluation mechanisms through capacity building ensures ongoing assessment of educational programs, leading to timely interventions for improvement. Implement a robust system for monitoring and evaluating the quality of education in public schools. This can help identify areas that need improvement and track progress

Incentives for Teachers

Incentives for teachers as a capacity-building strategy for the attainment of quality education provides insights into how motivating and rewarding educators positively influences their performance, job satisfaction, and ultimately contributes to the improvement of educational outcomes. Research by Duflo et al. (2011) emphasized the importance of teacher quality in educational achievement. Incentivizing teachers through various mechanisms, such as financial rewards or professional development opportunities, is viewed as a strategy to attract and retain high-quality educators, thus enhancing the overall capacity of the education system. A study by Springer et al. (2010) examined the impact of performance pay on teacher effectiveness and student outcomes. While results vary, the literature suggested that well-designed financial incentives can motivate teachers to improve their teaching practices, leading to positive impacts on student learning.

Furthermore, the work of Ingersoll and Strong (2011) advocated that supporting teachers with ongoing training and skill development not only enhances their instructional capabilities but also contributes to job satisfaction, which, in turn, impacts student success. The role of intrinsic motivation was highlighted by Deci and Ryan (1985) in Ololube (2019). While extrinsic incentives like financial rewards are important, recognizing and fostering teachers' intrinsic motivation, such as a sense of autonomy, mastery, and purpose, contributes significantly to capacity building by promoting a positive work environment and commitment to continuous improvement. Capacity building ensures to provide incentives to attract and retain qualified teachers in public schools. This can include competitive salaries, benefits, and professional recognition.

Policy Reforms

Policy reforms as a capacity-building strategy for the attainment of quality education provides a comprehensive examination of how systemic changes in education policy can shape the learning

environment, teacher effectiveness, and overall educational outcomes. Fullan (2014) underlined the importance of coherent and well-implemented education policies in driving sustained improvement. Comprehensive policy reforms that address multiple dimensions of the education system, including curriculum, assessment, teacher training, and infrastructure, contribute to building the overall capacity of educational institutions. Likewise, Levin (2018) discussed the influence of setting clear and high standards for student achievement. Standards-based policies are viewed as capacity-building measures that guide curriculum development, instructional practices, and assessments, fostering a culture of continuous improvement.

In addition, Darling-Hammond (2017) discussed how policies supporting ongoing teacher training and development contribute to the capacity building of educators. Well-designed professional development programs aligned with broader policy goals enhance instructional practices and improve teacher effectiveness. A study by Hanushek and Woessmann (2008) opined that inclusion policies that support diverse learning needs contribute to building the capacity of schools to create supportive learning environments for all students. Inclusive policies go beyond legal mandates, emphasizing a broader commitment to meeting the diverse needs of learners. Capacity building extends to the formulation of educational policies that promote quality standards and provide a framework for continuous improvement. Develop and implement education policies that are aimed at improving the quality of education, reducing bureaucracy, and increasing transparency.

Challenges Confronting Capacity Building as a Strategic Tool for Attainment of Quality Education

Addressing the challenges of capacity building as a strategic tool for attaining quality education in Nigeria is critical to achieving better educational outcomes. Below are some of the challenges confronting capacity building as a strategic tool for attainment of quality education in public secondary schools in Nigeria:

Inadequate funding

Insufficient financial resources allocated to education can limit the implementation of teacher training programs and the availability of necessary educational materials. Ololube (2017) and Owen (2006) highlighted resource limitations as a major challenge in capacity building for quality education. Adequate funding is crucial for professional development, infrastructure improvement, and access to modern educational resources.

Lack of Teacher Training and Development

Research by Darling-Hammond (2012) and Ingersoll and Strong (2011) underscores challenges in providing effective and ongoing teacher training. Continuous professional development is crucial for enhancing instructional practices, but implementing comprehensive programs can be hindered by time and financial constraints.

Digital Divide

Bridging the digital divide and ensuring that technology is integrated into the educational system remains a challenge. Access to the internet and digital resources varies widely, affecting capacity building in areas related to technology integration. Mishra and Koehler (2006) and Scriven (2017), discussed challenges in integrating technology into education. They noted that issues such as the digital divide, lack of infrastructure, and limited teacher capacity to utilize technology effectively can impede progress in this area.

Lack of Policy Implementation and Alignment

Fullan (2016) discussed the challenges of policy implementation and alignment. Ensuring that policies are effectively communicated, embraced, and aligned with local contexts can be complex, requiring sustained efforts and effective governance.

Lack of Equitable Resource Distribution

Baker (2016) and Bray and Lykins (2012), emphasizes challenges in achieving equitable resource distribution. Disparities in funding, teacher allocation, and access to educational resources can hinder efforts to provide equal educational opportunities.

Lack of Community Engagement

Minkler and Wallerstein (2011) debated on the challenges related to community engagement. Building effective partnerships with communities requires addressing power dynamics, fostering trust, and ensuring that diverse voices are considered in decision-making processes.

Lack of Monitoring and Evaluation

Keengwe et al. (2008) opined that the challenges of monitoring and evaluation include includes issues like the complexity of educational outcomes, the need for reliable assessment tools, and the potential for unintended consequences of evaluation processes.

Lack of Teacher Incentives

Challenges in implementing effective teacher incentive programs were discussed by Fryer (2011) and Springer et al. (2010). The issues included the potential for unintended consequences, the need for careful program design, and understanding the complexities of teacher motivation.

Strategies on Overcoming the Challenges Confronting Capacity Building as a Strategic Tool for Attainment of Quality Education

Overcoming the challenges confronting capacity building as a strategic tool for attaining quality education in Nigeria is essential to improve educational outcomes. The literature suggests several approaches and strategies. Below are some of the strategies on overcoming the challenges

confronting capacity building as a strategic tool for attainment of quality education in public secondary schools in Nigeria:

Increased Funding and Resource Allocation

Research by Hanushek and Woessmann (2011), Afolayan and Abiola (2018) and Baker (2016) suggested that increasing funding and resource allocation to education can address challenges related to resource constraints. Adequate funding enables investments in teacher training, infrastructure, and educational materials.

Comprehensive Teacher Training Programs

Darling-Hammond (2017) and Ololube (2011) advocate for comprehensive and ongoing teacher training programs. Continuous professional development, mentorship, and collaboration can overcome challenges related to teacher capacity building.

Strategic Technological Integration

Mishra and Koehler (2006) and Ololube (2006) propose strategic technological integration. Proper planning, teacher training, and ensuring equitable access to technology can mitigate challenges associated with the digital divide and ineffective use of technology.

Effective Policy Implementation and Alignment

Fullan (2014) and Harris (2011) emphasized the importance of effective policy implementation and alignment. Clear communication, stakeholder engagement, and alignment with local contexts can overcome challenges associated with policy implementation.

Equitable Resource Distribution Strategies

Baker (2016) talked about the inclusion and the implementation of equitable resource distribution strategies. Transparent funding formulas, needs-based allocation, and monitoring mechanisms can address challenges related to resource disparities.

Community Engagement and Collaboration

Ololube (2017) and Oduwaiye et al. (2021) suggested fostering community engagement and collaboration. Building trust, involving communities in decision-making, and promoting transparent communication can overcome challenges in community engagement.

Effective Monitoring and Evaluation Practices

Ogundele and Adu (2020) highlighted the importance of effective monitoring and evaluation practices. Implementing robust assessment tools, regular feedback loops, and adapting evaluation strategies can address challenges associated with monitoring and evaluation.

Strategic Teacher Incentive Programs

Strategic teacher incentive programs such as well-designed incentive structures, recognizing diverse motivations, and considering the context can address challenges in implementing effective teacher incentive programs (Springer et al., 2016).

CONCLUSION

The journey to using capacity building as a strategic tool for attaining quality education in public secondary schools in Nigeria is akin to building the strong and resilient foundations of a grand educational edifice. It requires concerted efforts, collaboration, and visionary leadership. Nigeria's commitment to investing in the capacity of its educators, institutions, and systems is a beacon of hope for quality education. As the nation surmounts the challenges and obstacles on this path, it carves a brighter future where every child has the opportunity to learn, grow, and realize their full potential. Quality education, enriched by inclusivity, innovative teaching, equitable resources, and community engagement, is the bridge to a more prosperous and informed society. In this journey, capacity building is not just a tool; it's a transformative force that empowers teachers, inspires students, and uplifts communities. It's a testament to the enduring spirit of Nigeria's commitment to education, and with each step forward, the nation advances toward a future where quality education is not a distant dream but a vibrant reality for all.

Suggestions

Having considered the above discussion; the paper made the following suggestions which will go a long way in harnessing the using of capacity building as a strategic tool for the attainment of quality education in Nigeria:

- Federal Ministry of Education should prioritize comprehensive and ongoing training for teachers, including professional development programs that enhance their pedagogical skills, content knowledge, and classroom management abilities.
- Federal government should develop a robust curriculum that aligns with global educational standards and addresses the specific needs of Nigerian students. Ensure it promotes critical thinking, problem solving, and practical skills.
- Federal Ministry of Education should promote digital literacy training for teachers and students. Integrate technology into the curriculum to enhance learning opportunities.
- School Administrators should develop strong educational leadership at the school and district levels to ensure effective implementation of quality education initiatives and accountability.
- School Administrators should engage parents, communities, and local organizations in school management and decision-making. Encourage their involvement in improving school facilities and the learning environment.
- School Administrators should establish effective monitoring and evaluation systems to track progress, identify challenges, and measure the impact of capacity building initiatives on educational outcomes.

REFERENCES

- Afolayan, O. A., & Abiola, F. M. (2018). Effective resource management for sustainable quality assurance in Nigerian higher education. *Journal of Education and Practice*, 9(4), 75-82.
- Ajayi, A. O. (2017). Achieving quality education in Nigeria: A critical appraisal of the role of monitoring and evaluation. *Journal of Education and Practice*, 8(11), 140-145.
- Alkin, M. C., & Christie, C. A. (2004). *Evaluation roots: Tracing theorists' views and influences*. Sage Publications.
- Baker, B. D., (2016). *The politics of education: A critical introduction*. Routledge.
- Biggs, J., & Tang, C. (2011). *Teaching for quality learning at University*. Open University Press.
- Bower, M. (2016). *Designing for learning: Online social networks as a classroom environment*. Routledge.
- Darling-Hammond, L. (2012). *Creating a comprehensive system for evaluating and supporting effective teaching*. Stanford Center for Opportunity Policy in Education.
- Darling-Hammond, L. (2017). Teacher education around the world: What can we learn from international practice? *European Journal of Teacher Education*, 40(3), 291-309.
- Desimone, L. M., Smith, T. M., & Frisvold, D. E. (2017). Teacher professional development, engagement, and student achievement: A meta-analysis and review of the empirical literature. *Review of Educational Research*, 87(3), 574-634.
- Duflo, E., Dupas, P., & Kremer, M. (2011). School governance, teacher incentives, and pupil-teacher ratios: Experimental evidence from Kenyan primary schools. *Journal of Public Economics*, 95(7-8), 692-722.
- Fink, L. D. (2013). *Creating significant learning experiences: An integrated approach to designing college courses*. Jossey-Bass.
- Fullan, M. (2014). *The principal: Three keys to maximizing impact*. Jossey-Bass.
- Fullan, M. (2016). *Stratosphere: Integrating technology, pedagogy, and change knowledge*. Pearson.
- Fullan, M., & Hargreaves, A. (2016). *Professional capital: Transforming teaching in every school*. Teachers College Press.
- Gilley, B. (2010). The determinants of national innovative capacity. *Research Policy*, 39(9), 1154-1163.
- Glickman, C. D., Gordon, S. P., & Ross-Gordon, J. M. (2014). *Supervision and instructional leadership: A Developmental Approach*. Pearson.
- Guskey, T. R. (2000). *Evaluation of professional development*. Corwin Press.
- Guskey, T. R., & Yoon, K. S. (2009). What works in professional development? *Phi Delta Kappan*, 90(7), 495-500.
- Hallinger, P., & Murphy, J. (2001). Assessing the instructional leadership behavior of principals. *The Elementary School Journal*, 86(2), 217-248.
- Hannum, E., & Buchmann, C. (2005). Global educational expansion and socio-economic development: An assessment of findings from the social sciences. *World Development*, 33(3), 333-354.
- Hanushek, E. A., & Woessmann, L. (2008). The role of cognitive skills in economic development. *Journal of Economic Literature*, 46(3), 607-668.
- Harris, A. (2016). Distributed leadership: Different perspectives. *Studies in Educational Leadership*, 7(2), 1-22.

- Hattie, J. (2009). *Visible learning: A synthesis of over 800 meta-analyses relating to achievement*. Routledge.
- Healey, M., Jenkins, A., & Lea, J. (2014). *Developing research-based curricula in college-based Higher Education*. Routledge.
- Ige, A., Aina, L., & Yusuf, A. (2022). Digital literacy as a vehicle for quality education in Nigeria. *Journal of Information Technology and Economic Development*, 13(2), 18-30.
- ILO. (2003). *The new paradigm of capacity building: A systems and functional perspective*. International Labour Organization.
- Ingersoll, R. M. (2017). Out-of-field teaching, educational inequality, and the organization of schools. *Educational Researcher*, 31(6), 26-31.
- Keengwe, J., Onchwari, G., & Wachira, P. (2008). Toward best practices in online learning and teaching in higher education. *MERLOT Journal of Online Learning and Teaching*, 4(2), 209-215.
- Leithwood, K., & Jantzi, D. (2009). A review of transformational school leadership research 1996-2009. *Educational Administration Quarterly*, 45(2), 235-256.
- Levin, B. (2018). The work of education in an age of neoliberalism. *British Journal of Sociology of Education*, 39(4), 440-455.
- Little, J. W. (2008). *Organizing schools for teacher learning*. In the *Jossey-Bass Reader on Teaching* (pp. 242-257). Jossey-Bass.
- Lucas, G. (2003). *Education and the internet*. George Lucas Educational Foundation.
- Marzano, R. J. (2007). *What works in schools: Translating research into action*. ASCD.
- Mayer, R. E. (2014). *Principles of multimedia learning*. Routledge.
- Minkler, M., & Wallerstein, N. (Eds.). (2011). *Community-based participatory research for health: From process to outcomes*. Jossey-Bass.
- Mishra, P. & Koehler, M. J., (2009). What is technological pedagogical content knowledge (TPACK)? *Contemporary Issues in Technology and Teacher Education*, 9(1), 60-70.
- National Research Council. (2012). *Education for life and work: Developing transferable knowledge and skills in the 21st century*. National Academies Press.
- Nussbaum, M. C. (2000). *Women and human development: The capabilities approach*. Cambridge University Press.
- Oduwaiye, R., Ajayi, A. A., & Ayara, N. (2021). Public-private partnership in education: Prospects and challenges in Nigeria. *Journal of Education and Practice*, 12(9), 70-78.
- Ogundele, O. J., & Adu, O. P. (2020). Infrastructure and educational service delivery in Public Secondary Schools in Nigeria. *Journal of Education and Practice*, 11(6), 84-92.
- Okeke-Uzodike, U., & Ezegebe, B. N. (2018). Infrastructure development and quality of secondary education in Nigeria. *Journal of Research in Education and Society*, 9(1), 108-120.
- Ololube, N. P. (2006). *Teacher education, school effectiveness and improvement: a study of academic and professional qualification on teachers' job effectiveness in Nigerian secondary schools*. Doctoral Dissertation, December 2006. University of Helsinki, Faculty of Behavioral Sciences, Department of Applied Sciences of Education, Helsinki: University of Helsinki Press.
- Ololube, N. P. (2013). *Educational management, planning and supervision: model for effective implementation*. Springfield Publishers.
- Ololube, N. P. (2017). *Educational management, planning and supervision: model for effective implementation (2nd Edition)*. Pearl Publishers.

- Ololube, N. P. (2019). *Practical guide to human resources management and organizational theory*. Pearl Publishers.
- Owen, J. M. (2006). *Program evaluation: Forms and approaches*. Guilford Press.
- Rothman, G. (2002). *School, family, and community partnerships*. Harvard Education Press.
- Sahlberg, P. (2004). *The quality of education in Finland*. Finnish Ministry of Education.
- Sandmann, L. R., & Plater, W. M. (2005). Institutionalizing community engagement in higher education: The first wave of Carnegie classified institutions. *Journal of Community Engagement and Scholarship*, 1(1), 67-78.
- Scriven, M. (2017). *Evaluation thesaurus*. Sage Publications.
- Selwyn, N. (2016). *Education and technology: Key issues and debates*. Bloomsbury Publishing.
- Smyth, J. (2022). Reconstructing an educational psychology of assessment for learning in a post-truth world. *Educational Philosophy and Theory*, 56(4), 385-39.
- Springer, M. G., Ballou, D., Hamilton, L., Le, V. N., Lockwood, J. R., McCaffrey, D. F., & Pepper, M. (2010). Teacher pay for performance: Experimental evidence from the project on incentives in teaching. *Performance Incentives*, 33(3), 333-354.
- UNESCO. (2017). Education 2030: Incheon declaration and framework for action. [Retrieved from UNESCO website](#).
- Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press.
- Wegmann, S., & Nozawa, K. (2018). *Flipped learning: A guide for higher education faculty*. Routledge.
- Wiggins, G., & McTighe, J. (2005). *Understanding by design*. ASCD.