
THE ROLE OF PHYSICAL EDUCATION IN PROMOTING HEALTH, SOCIAL INCLUSION, AND SUSTAINABLE COMMUNITY DEVELOPMENT IN TANZANIA

***Robert Mfugale, Dr. Salvatory Mhando & Dr. Lucas Mwahombela**

Department of Education, Faculty of Science and Education, University of Iringa.

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*Corresponding Author: Robert Mfugale

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ABSTRACT

Physical education has become an increasingly important component of education systems worldwide because of its contribution to healthy living, social cohesion, and sustainable development. In Tanzania, the increasing prevalence of non-communicable diseases, physical inactivity, social inequalities, and youth unemployment has intensified the need to strengthen physical education as a strategic tool for improving individual well-being and community development. This article examines the role of physical education in promoting health, social inclusion, and sustainable community development in Tanzania. The study employed a qualitative review design through an extensive analysis of peer-reviewed journal articles, government policy documents, and publications from international organizations. The review reveals that physical education contributes significantly to improving physical fitness, reducing the prevalence of lifestyle-related diseases, enhancing mental health, promoting emotional well-being, and encouraging lifelong healthy behaviours. Furthermore, physical education strengthens social inclusion by fostering teamwork, mutual respect, gender equality, disability inclusion, leadership, conflict resolution, and intercultural understanding among learners and community members. The findings further indicate that physical education contributes to sustainable community development by promoting youth empowerment, sports entrepreneurship, employment creation, environmental conservation, volunteerism, community participation, and social cohesion. Despite these significant contributions, implementation of physical education programmes in Tanzania continues to face numerous challenges, including inadequate sports facilities, shortage of qualified physical education teachers, insufficient teaching and learning resources, limited financial

investment, overcrowded school curricula, and inadequate policy implementation. The article is guided by Human Capital Theory and Social Ecological Theory, which explain how investments in physical education improve human capabilities while creating supportive social environments that promote sustainable development. The article concludes that physical education is not merely an academic subject but a strategic investment for improving public health, strengthening inclusive societies, and accelerating sustainable community development in Tanzania. It recommends increased government investment in sports infrastructure, strengthening teacher education programmes, promoting community awareness regarding the value of physical education, integrating physical activity into community development initiatives, and enhancing collaboration among educational institutions, sports organizations, local governments, and development partners.

KEYWORDS: Physical education, health promotion, social inclusion, sustainable community development, sports.

1.0 INTRODUCTION

Education remains one of the most important investments for developing human capital and improving the quality of life in every society. Beyond academic knowledge, contemporary education emphasizes the acquisition of practical competencies, healthy lifestyles, positive values, and social skills that enable individuals to contribute effectively to national development. Among the various components of education, physical education has emerged as an indispensable discipline that supports learners' physical, cognitive, emotional, and social development. Modern education systems increasingly recognize physical education as an important means of promoting lifelong health, preventing diseases, strengthening social cohesion, and contributing to sustainable development. Consequently, governments across the world continue to integrate physical education into national education policies as part of broader strategies for improving public health, educational quality, and socioeconomic development (UNESCO, 2015; UNESCO, 2023; World Health Organization [WHO], 2022; Bailey et al., 2019; United Nations, 2015).

Physical education is no longer viewed merely as participation in sports and recreational activities but as a comprehensive educational process that develops learners physically, mentally, emotionally, and socially. Through structured physical activities, learners acquire movement skills, self-discipline, leadership abilities, teamwork, communication skills, resilience, and decision-making competencies that are transferable to many aspects of life.

Bailey et al. (2019) argue that quality physical education contributes significantly to learners' academic achievement, self-confidence, social responsibility, and psychological well-being. Similarly, UNESCO (2023) emphasizes that physical education provides inclusive learning opportunities that enable learners from diverse backgrounds to participate actively regardless of gender, disability, ethnicity, or socioeconomic status. These multidimensional benefits position physical education as an essential contributor to holistic education and lifelong learning (WHO, 2022; OECD, 2023).

The contribution of physical education to human development is well explained by Human Capital Theory developed by Schultz (1961) and Becker (1964). The theory argues that investments in education, health, and skills development improve individual productivity, innovation, and economic performance. Physical education contributes to human capital formation by improving physical fitness, cognitive functioning, emotional intelligence, leadership capacity, teamwork, creativity, and healthy lifestyles that enhance learners' ability to participate productively in society. Individuals who maintain active lifestyles generally experience lower healthcare costs, higher productivity, improved academic performance, and greater participation in economic activities compared to physically inactive populations (Psacharopoulos & Patrinos, 2018; Bailey et al., 2019; WHO, 2022). Consequently, investment in quality physical education generates long-term social and economic returns for individuals, communities, and nations.

Globally, physical inactivity has become one of the leading public health concerns due to its association with numerous non-communicable diseases and premature mortality. According to the World Health Organization (2022), approximately one in four adults and more than eighty percent of adolescents worldwide do not achieve the recommended levels of physical activity necessary for maintaining good health. Physical inactivity significantly contributes to obesity, hypertension, cardiovascular diseases, diabetes mellitus, certain forms of cancer, anxiety, depression, and reduced quality of life. Bull et al. (2020) further report that inadequate physical activity increases healthcare expenditure while reducing labour productivity and economic growth. UNESCO (2023) therefore recommends strengthening quality physical education within education systems as a sustainable strategy for promoting healthy lifestyles from childhood through adulthood. Likewise, Guthold et al. (2020) emphasize that school-based physical education remains one of the most effective interventions for increasing physical activity among children and adolescents globally.

Besides promoting physical health, physical education has increasingly been recognized as an effective mechanism for advancing social inclusion and reducing social inequalities. Schools

provide environments where learners from different socioeconomic backgrounds, ethnic groups, cultures, religions, and physical abilities participate together in sporting and recreational activities. Through cooperative games and team sports, learners develop respect for diversity, mutual understanding, empathy, tolerance, communication, leadership, and conflict resolution skills. Inclusive physical education also promotes equal participation of girls, learners with disabilities, and marginalized groups by creating supportive learning environments that value diversity and equal opportunity (UNESCO, 2015; UNESCO, 2023). Bailey et al. (2019) further argue that participation in physical education strengthens learners' sense of belonging, social connectedness, and self-esteem while reducing discrimination and social exclusion. These outcomes contribute directly to achieving the Sustainable Development Goals, particularly those relating to quality education, gender equality, reduced inequalities, and peaceful societies (United Nations, 2015; OECD, 2023).

Physical education also contributes significantly to sustainable community development through economic, social, environmental, and cultural dimensions. Economically, sports and physical activities create employment opportunities for teachers, coaches, referees, physiotherapists, sports administrators, fitness instructors, event managers, and entrepreneurs involved in sports-related industries. Community sporting events stimulate local businesses through tourism, hospitality services, transport, equipment production, and infrastructure development. Socially, physical education strengthens community participation, volunteerism, youth empowerment, crime prevention, and civic responsibility by providing constructive opportunities for young people to engage in positive activities. Environmentally, outdoor recreation and nature-based physical activities encourage environmental awareness, conservation of natural resources, and sustainable use of public recreational spaces. These multidimensional contributions demonstrate that physical education extends far beyond schools and serves as an important instrument for sustainable community transformation (United Nations, 2015; UNESCO, 2023; WHO, 2022; OECD, 2023).

Across Africa, governments have increasingly recognized physical education and sports as strategic drivers of health promotion, youth development, peacebuilding, and socioeconomic transformation. The African Union has consistently encouraged member states to strengthen sports development policies as part of Agenda 2063, recognizing sport as an important contributor to social integration, employment creation, and sustainable development. Nevertheless, implementation of physical education programmes across many African countries remains constrained by inadequate sports infrastructure, shortage of qualified teachers, limited instructional resources, insufficient financial investment, and low

prioritization within national education systems. These challenges reduce opportunities for children and young people to benefit from structured physical activity despite increasing public health concerns associated with sedentary lifestyles (African Union, 2018; UNESCO, 2023; WHO, 2022; Association of African Universities, 2021).

In Tanzania, physical education has been incorporated into education policies and competence-based curricula to support learners' physical fitness, talent development, teamwork, leadership, discipline, and healthy lifestyles. The competence-based curriculum emphasizes acquisition of practical competencies alongside academic knowledge, making physical education an important avenue for developing communication skills, collaboration, creativity, resilience, critical thinking, and responsible citizenship. Furthermore, national school sports competitions and community sporting programmes continue to promote talent identification, national unity, social interaction, and youth empowerment. The Government of Tanzania has also recognized sports as an important contributor to national health, education, and economic development through various policy initiatives aimed at strengthening sports participation among young people (Ministry of Education, Science and Technology [MoEST], 2023; Tanzania Institute of Education, 2023; National Sports Council of Tanzania, 2022).

Despite these positive policy developments, implementation of physical education in many Tanzanian educational institutions remains inadequate. Numerous schools continue to experience shortages of qualified physical education teachers, inadequate playgrounds, insufficient sports equipment, overcrowded classrooms, and limited financial support for sports programmes. In many cases, physical education receives lower priority compared to examinable academic subjects, reducing instructional time and learner participation. Rural schools experience even greater challenges because of inadequate infrastructure, limited professional support, and scarcity of teaching resources. These constraints significantly limit the effectiveness of physical education in promoting health, social inclusion, and community development (MoEST, 2023; UNESCO, 2023; WHO, 2022; Mwinuka & Mtebe, 2021).

Rapid urbanization, technological advancement, and changing lifestyles have further increased physical inactivity among Tanzanian children, adolescents, and adults. Increased dependence on motorized transport, digital technologies, and sedentary occupations has reduced routine physical activity, exposing populations to growing risks of obesity, hypertension, diabetes, cardiovascular diseases, and mental health disorders. At the same time, youth unemployment, social inequalities, gender disparities, substance abuse, and declining community participation continue to pose significant development challenges.

These emerging issues highlight the importance of strengthening physical education programmes within schools and communities as preventive public health interventions and as mechanisms for promoting social cohesion, youth empowerment, and sustainable livelihoods (WHO, 2022; Guthold et al., 2020; Bull et al., 2020; United Nations, 2015).

Although previous studies have examined physical education from educational, medical, and sports science perspectives, relatively few have comprehensively explored its integrated contribution to health promotion, social inclusion, and sustainable community development within the Tanzanian context. Existing literature often examines these dimensions independently, leaving limited understanding of how physical education simultaneously contributes to healthier populations, inclusive societies, and sustainable community transformation. This article therefore seeks to bridge this knowledge gap by examining the multidimensional role of physical education in promoting health, social inclusion, and sustainable community development in Tanzania. The findings are expected to provide valuable insights for policymakers, curriculum developers, educational institutions, sports organizations, public health practitioners, local government authorities, and community leaders seeking to strengthen physical education as an important strategy for achieving sustainable national development (UNESCO, 2023; WHO, 2022; OECD, 2023; Bailey et al., 2019).

2.0 LITERATURE REVIEW

2.1 Theoretical Literature Review

2.1.1 Human Capital Theory

This article is primarily guided by Human Capital Theory, originally developed by Schultz (1961) and further expanded by Becker (1964). The theory argues that investments in education, health, knowledge, and skills increase the productivity and economic value of individuals, thereby contributing to national development. According to the theory, education should not only provide academic knowledge but also equip individuals with competencies that improve their physical, psychological, social, and economic well-being. Human capital is therefore created when education enhances people's capacity to participate effectively in productive activities and contribute meaningfully to society (Becker, 1964; Psacharopoulos & Patrinos, 2018).

Within the context of physical education, Human Capital Theory explains that participation in structured physical activities contributes significantly to the development of healthy,

disciplined, skilled, and productive citizens. Physical education develops physical fitness, emotional resilience, leadership, teamwork, communication, creativity, decision-making, and problem-solving skills that are valuable in educational settings, workplaces, and communities. Healthy individuals are generally more productive, experience fewer illnesses, incur lower healthcare costs, and contribute more effectively to economic growth than physically inactive individuals (WHO, 2022; Bailey et al., 2019; OECD, 2023).

The theory further suggests that governments should consider physical education as a strategic investment rather than merely an extracurricular activity. Investment in qualified physical education teachers, sports facilities, teaching resources, and community sports programmes contributes to improving the quality of human capital available for national development. Numerous studies indicate that physically active learners demonstrate better academic performance, higher school attendance, improved concentration, and greater employability compared to those who rarely participate in physical activity (UNESCO, 2023; Bull et al., 2020; Bailey et al., 2019).

In Tanzania, Human Capital Theory provides an appropriate framework for understanding how strengthening physical education contributes to healthier learners, increased educational achievement, enhanced labour productivity, reduced healthcare expenditure, and sustainable community development. Consequently, investment in physical education should be viewed as an important strategy for achieving sustainable national development and improving the overall quality of human resources (MoEST, 2023; WHO, 2022).

2.1.2 Social Ecological Theory

The article is also guided by the Social Ecological Theory, developed by Bronfenbrenner (1979) and later expanded by McLeroy et al. (1988). The theory argues that individual behaviour is influenced by interactions among multiple environmental systems, including families, schools, communities, institutions, public policies, and broader societal factors. According to this theory, health behaviours cannot be understood solely through individual characteristics because they are shaped by social, cultural, environmental, and institutional conditions.

The Social Ecological Theory explains that successful physical education programmes require supportive environments both within and outside educational institutions. Learners are more likely to participate actively in physical activities when schools provide qualified teachers, adequate sports facilities, supportive policies, inclusive learning environments, and

positive attitudes toward sports. Likewise, communities that provide recreational facilities, public parks, sports clubs, and safe environments encourage lifelong participation in physical activity among children, youth, and adults (WHO, 2022; Sallis et al., 2015).

The theory further demonstrates that promoting health and social inclusion requires collaboration among educational institutions, families, local governments, sports organizations, healthcare providers, and community members. Such collaboration strengthens community participation, promotes healthy lifestyles, reduces social inequalities, and enhances sustainable development outcomes. Consequently, Social Ecological Theory provides an appropriate framework for explaining how physical education contributes simultaneously to individual well-being and broader community transformation (UNESCO, 2023; OECD, 2023; WHO, 2022).

Together, Human Capital Theory and Social Ecological Theory provide complementary perspectives for understanding the multidimensional contribution of physical education to health promotion, social inclusion, and sustainable community development in Tanzania. While Human Capital Theory emphasizes investment in human capabilities, Social Ecological Theory highlights the importance of supportive environments and institutional collaboration in maximizing the benefits of physical education.

2.2 Empirical Literature Review

2.2.1 Physical Education and Health Promotion

Health promotion remains one of the most widely documented benefits of physical education. According to the World Health Organization (2022), regular participation in structured physical activity significantly reduces the risk of cardiovascular diseases, obesity, hypertension, diabetes mellitus, osteoporosis, depression, anxiety, and premature mortality. Quality physical education also improves muscular strength, flexibility, cardiovascular endurance, body composition, and overall physical fitness among learners of all ages.

UNESCO (2023) reports that school-based physical education programmes establish lifelong healthy behaviours by encouraging learners to participate regularly in physical activities from childhood through adulthood. Similarly, Bailey et al. (2019) found that learners who actively participate in physical education demonstrate better physical fitness, improved classroom concentration, enhanced academic performance, and higher levels of psychological well-being than learners who are physically inactive.

Bull et al. (2020) further argue that increasing participation in physical education contributes significantly to reducing healthcare costs associated with non-communicable diseases. Likewise, Guthold et al. (2020) report that physically active children are more likely to maintain healthy lifestyles during adulthood, thereby reducing long-term public health burdens.

In Tanzania, MoEST (2023) recognizes physical education as an important strategy for improving learners' health, preventing lifestyle-related diseases, and promoting active living. However, inadequate sports facilities, shortage of qualified teachers, and limited instructional resources continue to reduce the effectiveness of school physical education programmes in achieving these health outcomes.

2.2.2 Physical Education and Social Inclusion

Physical education has increasingly become an effective strategy for promoting inclusive education and strengthening social cohesion. UNESCO (2015) argues that quality physical education creates learning environments where learners from different genders, ethnic groups, cultures, religions, socioeconomic backgrounds, and physical abilities participate together without discrimination. Such participation promotes equality, mutual respect, teamwork, empathy, tolerance, and peaceful coexistence.

Bailey et al. (2019) report that participation in team sports strengthens learners' self-esteem, confidence, communication skills, leadership abilities, and sense of belonging within educational institutions and communities. Similarly, OECD (2023) emphasizes that inclusive sporting activities reduce social exclusion while promoting civic engagement and community participation.

Research further demonstrates that physical education contributes significantly to gender equality by increasing girls' participation in leadership, sports competitions, and decision-making activities. UNESCO (2023) indicates that inclusive physical education programmes also improve participation of learners with disabilities by removing barriers and promoting equal educational opportunities.

Within Tanzania, physical education has the potential to strengthen national unity, social interaction, peaceful coexistence, and cultural integration among learners from diverse communities. Nevertheless, negative societal attitudes, gender stereotypes, and inadequate inclusive facilities continue to limit equal participation among all learners (MoEST, 2023).

2.2.3 Physical Education and Sustainable Community Development

Physical education contributes substantially to sustainable community development through economic, social, environmental, and cultural dimensions. According to the United Nations (2015), sport is recognized globally as an important enabler for achieving the Sustainable Development Goals because it promotes health, education, gender equality, peace, environmental sustainability, and economic development.

Economically, sports generate employment opportunities for coaches, physical education teachers, referees, sports administrators, physiotherapists, event organizers, sports journalists, fitness instructors, and entrepreneurs. UNESCO (2023) further notes that sporting events stimulate tourism, hospitality industries, transport services, infrastructure development, and local business growth, thereby contributing to community economic development.

Socially, physical education strengthens volunteerism, youth empowerment, crime prevention, civic participation, leadership development, and community cohesion. Bailey et al. (2019) argue that community sports programmes reduce antisocial behaviours among young people by providing constructive opportunities for talent development and positive social interaction.

Environmental sustainability is also promoted through outdoor recreational activities that encourage conservation of natural resources, environmental education, and responsible use of public recreational spaces. WHO (2022) emphasizes that active communities create healthier, safer, and more environmentally sustainable living environments.

In Tanzania, school sports competitions, community tournaments, and recreational programmes continue to contribute to community integration, talent development, and youth empowerment. However, inadequate investment in sports infrastructure, insufficient financial support, and limited institutional collaboration continue to constrain the full developmental potential of physical education (MoEST, 2023; National Sports Council of Tanzania, 2022).

2.2.4 Challenges Affecting Physical Education

Despite its recognized importance, numerous studies identify significant challenges affecting the implementation of physical education worldwide and particularly within developing countries. UNESCO (2023) reports that inadequate funding, shortage of qualified teachers,

limited sports infrastructure, overcrowded curricula, and low policy prioritization continue to hinder effective implementation.

WHO (2022) similarly notes that rapid urbanization, technological advancement, reduced outdoor play, and increasing sedentary lifestyles have substantially reduced participation in physical activity among children and adolescents. OECD (2023) further identifies socioeconomic inequalities and inadequate institutional collaboration as major barriers affecting equitable access to quality physical education.

Within Tanzania, MoEST (2023) acknowledges that many schools experience shortages of sports facilities, instructional materials, and trained teachers. These challenges are particularly severe in rural areas where schools have limited financial resources and inadequate infrastructure. Consequently, many learners fail to receive the recommended amount of structured physical education necessary for promoting healthy lifestyles and holistic development.

3.0 METHODOLOGY

3.1 Research Approach

This article employed a qualitative research approach based on an extensive review of existing literature to examine the role of physical education in promoting health, social inclusion, and sustainable community development in Tanzania. A qualitative approach was considered appropriate because it allows comprehensive exploration, interpretation, and synthesis of knowledge from various scholarly sources, policy documents, and empirical studies concerning physical education and sustainable development. According to Creswell and Poth (2018), qualitative research facilitates an in-depth understanding of complex social phenomena by analysing participants' experiences, institutional practices, policy frameworks, and existing scholarly evidence. In this article, the qualitative approach enabled integration of theoretical perspectives with empirical findings to provide a holistic understanding of how physical education contributes to individual well-being and community transformation.

3.2 Research Design

The article adopted a qualitative review design through systematic analysis and synthesis of published scholarly literature. The review design enabled examination of evidence generated by previous researchers regarding the relationship between physical education, health promotion, social inclusion, and sustainable community development. According to Snyder

(2019), review studies provide comprehensive understanding of existing knowledge by integrating findings from multiple empirical investigations while identifying emerging trends, research gaps, and future research directions. The design was therefore appropriate because it allowed the article to generate evidence-based conclusions without conducting primary field data collection.

3.3 Sources of Data

The article relied entirely on secondary sources of data obtained from peer-reviewed journal articles, academic books, conference proceedings, government publications, education policies, and reports published by national and international organizations. Major sources included publications from UNESCO, the World Health Organization (WHO), the Organisation for Economic Co-operation and Development (OECD), the United Nations (UN), the Ministry of Education, Science and Technology (MoEST), the Tanzania Institute of Education (TIE), and the National Sports Council of Tanzania (NSC). Additional literature was obtained from reputable academic databases such as Google Scholar, Scopus, Web of Science, ERIC, Taylor & Francis, SpringerLink, Sage Journals, Wiley Online Library, and ScienceDirect.

3.4 Selection Criteria for Literature

The literature included in this review was selected according to predefined inclusion criteria to ensure quality, relevance, and currency. Priority was given to peer-reviewed publications published between 2018 and 2026, although a few classical publications such as Human Capital Theory and Social Ecological Theory were included because of their theoretical significance. Studies were selected if they addressed one or more of the following themes:

- ❖ Physical education and health promotion;
- ❖ Physical education and social inclusion;
- ❖ Physical education and sustainable development;
- ❖ Physical education policy and implementation;
- ❖ School sports and community development;
- ❖ Physical activity and public health;
- ❖ Inclusive education through sports; and
- ❖ Physical education in Tanzania and Sub-Saharan Africa.

Publications lacking scientific credibility or direct relevance to the study objectives were excluded from the review.

3.5 Data Collection Procedure

Data collection involved systematic identification, retrieval, screening, and organization of relevant scholarly publications. Electronic database searches were conducted using keywords such as physical education, health promotion, social inclusion, sports development, community development, physical activity, quality physical education, sustainable development, Tanzania, and Africa. Retrieved publications were carefully examined to determine their relevance to the objectives of the article. Duplicate publications were removed, while eligible documents were categorized according to thematic areas for subsequent analysis. This systematic process enhanced comprehensiveness and reduced selection bias during literature identification.

3.6 Data Analysis

The collected literature was analysed using thematic analysis. According to Braun and Clarke (2021), thematic analysis is a flexible qualitative analytical technique used to identify, organize, analyse, and interpret recurring themes across qualitative data. The reviewed literature was coded according to recurring concepts, similarities, differences, and emerging patterns relating to health promotion, social inclusion, sustainable community development, implementation challenges, and policy implications. These themes were subsequently interpreted using Human Capital Theory and Social Ecological Theory to explain the contribution of physical education to sustainable national development. The thematic approach facilitated integration of evidence from multiple studies into coherent interpretations that addressed the objectives of the article.

4.0 RESULTS AND DISCUSSION

4.1 Physical Education as a Tool for Promoting Health

The review demonstrates that physical education contributes substantially to improving physical, mental, emotional, and psychological health across different age groups. Nearly all reviewed studies consistently indicate that regular participation in structured physical education programmes enhances cardiovascular fitness, muscular strength, flexibility, body coordination, endurance, and overall physical well-being. Furthermore, physically active individuals experience lower risks of obesity, hypertension, diabetes mellitus, cardiovascular

diseases, osteoporosis, and several forms of cancer compared to physically inactive populations (WHO, 2022; Bull et al., 2020; Guthold et al., 2020).

The literature further indicates that physical education contributes significantly to mental health promotion. Regular participation in sports reduces anxiety, stress, depression, loneliness, and emotional distress while improving self-esteem, confidence, resilience, emotional stability, and life satisfaction. Bailey et al. (2019) argue that participation in school sports strengthens learners' motivation, concentration, classroom participation, and academic achievement. Likewise, UNESCO (2023) reports that physically active learners demonstrate improved cognitive functioning, memory retention, creativity, and problem-solving abilities that positively influence educational performance.

Physical education also promotes healthy behavioural change by encouraging learners to adopt lifelong habits of regular exercise, healthy nutrition, personal hygiene, teamwork, discipline, and responsible decision-making. Such behavioural changes contribute significantly to preventing lifestyle-related diseases that increasingly affect both developed and developing countries. Consequently, strengthening school-based physical education programmes remains one of the most cost-effective strategies for improving public health and reducing healthcare expenditure (WHO, 2022; OECD, 2023).

Within Tanzania, however, realization of these health benefits remains constrained by inadequate implementation of physical education programmes. Many schools continue to allocate limited instructional time to physical education because greater emphasis is placed on examinable academic subjects. Shortages of qualified teachers, sports equipment, playgrounds, and financial resources further reduce learners' opportunities to participate regularly in structured physical activities. These implementation challenges limit the contribution of physical education toward addressing the increasing burden of non-communicable diseases and sedentary lifestyles among Tanzanian children and youth (MoEST, 2023; UNESCO, 2023).

4.2 Physical Education and the Promotion of Social Inclusion

The review further reveals that physical education serves as an important mechanism for promoting social inclusion by creating opportunities for interaction among learners from different social, economic, cultural, religious, and ethnic backgrounds. Participation in sports encourages teamwork, cooperation, mutual respect, communication, empathy, tolerance,

leadership, and conflict resolution, thereby strengthening social cohesion within schools and communities (UNESCO, 2015; UNESCO, 2023).

Inclusive physical education programmes also contribute significantly to reducing discrimination against marginalized populations. Evidence indicates that sports provide equal participation opportunities for girls, learners with disabilities, refugees, and socially disadvantaged groups. Through inclusive sporting activities, participants develop positive attitudes toward diversity while challenging stereotypes and discriminatory practices. UNESCO (2023) reports that inclusive physical education contributes directly to achieving gender equality, disability inclusion, and peaceful coexistence among diverse communities.

The reviewed studies further indicate that participation in team sports strengthens civic responsibility, volunteerism, democratic participation, and community engagement. Learners acquire leadership skills through organizing sporting activities, making collective decisions, resolving conflicts, and working collaboratively toward common goals. Bailey et al. (2019) emphasize that these social competencies extend beyond educational settings into workplaces, families, and communities, thereby contributing to sustainable social development.

In Tanzania, school sports competitions have historically strengthened national unity by bringing together learners from different regions, cultures, and socioeconomic backgrounds. Nevertheless, gender stereotypes, inadequate inclusive sports facilities, negative community attitudes, and limited teacher preparation continue to hinder equal participation for all learners. Addressing these barriers is essential for ensuring that physical education effectively contributes to inclusive education and social justice.

4.3 Physical Education and Sustainable Community Development

The review further indicates that physical education plays a significant role in promoting sustainable community development through economic, social, and environmental pathways. Economically, physical education and sports create employment opportunities for teachers, coaches, referees, sports administrators, physiotherapists, fitness instructors, and entrepreneurs engaged in sports-related businesses. According to UNESCO (2023), the sports sector contributes significantly to local and national economies through job creation, tourism development, infrastructure investment, and small business growth. Similarly, the United

Nations (2015) recognizes sport as an important enabler of sustainable development because it supports economic inclusion and youth empowerment.

Socially, physical education strengthens community cohesion by encouraging participation in collective activities such as school sports, community tournaments, and recreational programmes. These activities reduce antisocial behaviour among youth by providing structured and positive alternatives to crime, drug abuse, and other risky behaviours. Bailey et al. (2019) argue that participation in sports enhances social capital by strengthening trust, cooperation, and shared identity within communities. In addition, WHO (2022) emphasizes that active communities are generally safer, healthier, and more socially connected than inactive populations.

Environmentally, physical education promotes awareness of environmental conservation through outdoor activities such as athletics, hiking, and field sports. Participation in outdoor sports encourages appreciation of natural environments, responsible use of public spaces, and environmental stewardship. UNESCO (2023) highlights that sport-based programmes can be used to promote environmental education and sustainable use of community resources, especially among young people.

In Tanzania, school and community sports programmes contribute to talent development, youth engagement, and national integration. However, the impact of physical education on sustainable development remains limited due to inadequate investment in sports infrastructure, insufficient funding, and weak institutional coordination between schools and local government authorities. Strengthening these areas would enhance the role of physical education in supporting long-term community development goals (MoEST, 2023; National Sports Council of Tanzania, 2022).

4.4 Challenges Affecting Implementation of Physical Education in Tanzania

Despite its significant contributions, the implementation of physical education in Tanzania faces several structural and institutional challenges. The most prominent challenge is inadequate infrastructure, including lack of playgrounds, sports fields, equipment, and learning resources. UNESCO (2023) notes that many developing countries struggle to provide adequate facilities for effective delivery of physical education, which limits learners' participation and engagement.

Another major challenge is the shortage of qualified physical education teachers. Many schools rely on teachers who have limited training in sports science or physical education pedagogy, leading to ineffective delivery of practical lessons. MoEST (2023) acknowledges that insufficient teacher training remains a key barrier to effective curriculum implementation in Tanzania.

Additionally, overcrowded academic curricula often result in limited time allocation for physical education. Schools tend to prioritize examinable subjects such as mathematics, science, and languages at the expense of physical education, reducing its perceived importance. This imbalance undermines the holistic development of learners (OECD, 2023; UNESCO, 2023).

Limited funding and weak institutional support also hinder the development of sports programmes in schools. Many schools lack financial resources to organize sports events, purchase equipment, or maintain facilities. Furthermore, negative societal attitudes that undervalue physical education compared to academic subjects reduce community and parental support for sports participation (WHO, 2022).

4.5 Theoretical Interpretation of Findings

The findings of this review are strongly supported by Human Capital Theory, which emphasizes that investment in education and health leads to improved productivity and economic development. Physical education contributes to human capital formation by enhancing physical fitness, cognitive abilities, emotional resilience, and social skills necessary for productive participation in society (Becker, 1964; Psacharopoulos & Patrinos, 2018).

The findings are also explained by Social Ecological Theory, which highlights the influence of environmental and institutional factors on individual behaviour. The effectiveness of physical education depends not only on individual motivation but also on supportive school environments, community infrastructure, policy frameworks, and cultural attitudes (Bronfenbrenner, 1979; Sallis et al., 2015). Therefore, improving physical education outcomes in Tanzania requires multi-level interventions involving schools, families, communities, and government institutions.

5.0 CONCLUSION

The study concludes that physical education is a vital component of education systems with significant contributions to health promotion, social inclusion, and sustainable community development in Tanzania. It improves physical and mental health, strengthens social cohesion, and supports economic and environmental sustainability. However, its full potential remains constrained by inadequate infrastructure, shortage of qualified teachers, limited funding, and low prioritization within school curricula. Strengthening physical education requires coordinated efforts among policymakers, educational institutions, and community stakeholders.

6.0 RECOMMENDATIONS

The study recommends that the Government of Tanzania and relevant stakeholders should increase investment in sports infrastructure and learning facilities to support effective physical education delivery. Teacher training institutions should strengthen preparation programmes for physical education teachers to improve instructional quality. Schools should allocate sufficient time for physical education within curricula to ensure balanced learner development. Community awareness campaigns should be conducted to enhance understanding of the importance of physical education for health and development. Finally, stronger collaboration between schools, local governments, sports organizations, and private sector stakeholders is essential for maximizing the benefits of physical education in promoting sustainable development.

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